

ORIGINAL **APS**



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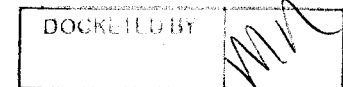
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October 30, 2007

Docket Control  
Arizona Corporation Commission  
1200 West Washington Street  
Phoenix, Arizona 85007

Arizona Corporation Commission  
**DOCKETED**

OCT 30 2007



RE: Arizona Public Service Company General Rate Case  
Docket Nos. E-01345A-05-0816, E-01345A-05-0826, E-01345A-05-0827

Dear Sir or Madame:

Pursuant to Decision No. 69663 (June 28, 2007), Arizona Public Service Company (APS) filed its compliance rate and service schedules for Staff review on June 29, 2007. At the request of Staff, APS is filing final Rate and Service Schedules to include the Decision number 69663 in their respective adjustment sections. Enclosed please find final versions of Rate and Service Schedules excluding Service Schedule 1, which was previously filed, as well as Rate Schedules E-56, E-57 and Service Schedule 3, which are presently pending before the Commission.

Also, subsequent to Decision No. 69633, the Commission issued Decision No. 69878 (August 28, 2007) approving changes to lighting schedules E-58 and E-47. These changes included charges for new fixtures and poles along with wording changes in the rate schedules. The attached final compliance Rate Schedules E-58 and E-47 incorporate approved changes in Decision No. 69878.

If you have any questions or concerns please contact Greg Delizio at (602) 250-2704.

Sincerely,

Barbara Klemstine

BK/dst

Attachments

CC: Brian Bozzo  
Ernest Johnson  
Christopher Kempley  
Barbara Keene  
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Parties of Record

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# ARIZONA PUBLIC SERVICE COMPANY

## Final Compliance Filing

### Index of Rate and Service Schedules

RATE	DESCRIPTION	STATUS
<b>Residential</b>		
E-3	Low Income Discount	UPDATED
E-4	Medical Discount	UPDATED
E-10	Energy	UPDATED
E-12	Energy	UPDATED
EC-1	Energy and Demand	UPDATED
ECT-1R	TOU and Demand	UPDATED
ECT-2	TOU and Demand	UPDATED
ET-1	TOU	UPDATED
ET-2	TOU	UPDATED
<b>General Service</b>		
E-20	Houses of Worship	UPDATED
E-21	Small General Service (SGS) TOU	UPDATED
E-22	Small General Service (SGS) TOU	UPDATED
E-23	Medium General Service (MGS) TOU	UPDATED
E-24	Large General Service (LGS) TOU	UPDATED
E-30	Unmetered	UPDATED
E-32	SGS, MGS, LGS	UPDATED
E-32 TOU	SGS, MGS, LGS TOU	UPDATED
E-34	Extra Large General Service	UPDATED
E-35	Extra Large General Service TOU	UPDATED
E-53	Athletic Stadiums	NOT UPDATED
E-54	Seasonal Service	NOT UPDATED
<b>Water Pumping and MISC.</b>		
E-36	Station Use Service	UPDATED
E-38	Irrigation	UPDATED
E-38-8T	Irrigation TOU	UPDATED
E-40	Wind machine	UPDATED
E-221	Water Pumping Service	UPDATED
E-221-8T	Water Pumping Service TOU	UPDATED
<b>Lighting</b>		
E-47	Area lighting	UPDATED
E-58	Street lighting	UPDATED
E-59	Street lighting - Gov	UPDATED
E-66 (E-58)	Street lighting - STL	UPDATED
E-67	Street lighting - PHX	UPDATED
E-114 (E-58)	Street lighting - STL	NOT UPDATED
E-116 (E-58)	Street lighting - STL	NOT UPDATED
E-145 (E-58)	Street lighting - STL	NOT UPDATED
E-249 (E-58)	Street lighting - STL	NOT UPDATED

<b>Green Power</b>		
Solar-1	Solar PV, extension	UPDATED
Solar-2	Solar PV, extension	NOT UPDATED
Solar-3	Solar PV, extension	UPDATED
SP-1	Solar Partners	UPDATED

<b>Rate Schedules</b>		
EPR-2	Net Billing - QF, <=100kw	UPDATED
EPR-3	Separate Billing - QF	UPDATED
ERP-4	Net Billing - Solar, <=10kw	UPDATED
EPR-5	Net Metering - Ren, <=10kw	UPDATED
E-32-R	<3,000 kW	UPDATED
E-51	>100 kW	UPDATED
E-52	<3,000 kW	UPDATED
E-55	>3,000 kW	UPDATED
EQF-S	<=100 kW	UPDATED
EQF-M	<=100 kW	UPDATED

<b>Direct Access</b>		
DA-R1	Direct Access Residential Service	UPDATED
DA-GS1	Direct Access General Service	UPDATED
DA-GS10	Direct Access Extra Large General	UPDATED
DA-GS11	Direct Access Ralston Purina	UPDATED
DA-GS12	Direct Access BHP Copper	UPDATED
DA-GS13	Direct Access Cyprus Bagdad	UPDATED

<b>Adjustments</b>		
CRCC	Competition Rules Compliance Charge	NOT UPDATED
DSMAC-1	Demand Side Management Cost Adjustment	NOT UPDATED
EIS	Environmental Improvement Surcharge	UPDATED
EPS-1	Environmental Portfolio Surcharge	UPDATED
GPS-1	Green - Block	UPDATED
GPS-2	Green - Percent	UPDATED
PSA-1	Power Supply Adjustment	UPDATED
RCDAC	Returning Customer Direct Access Charge	NOT UPDATED
TCA-1	Transmission Cost Adjustment	NOT UPDATED

<b>Service Standards</b>		
Schedule 1	Terms and Conditions for the Sale of Electric Service	UPDATED
Schedule 2	Terms and Conditions for Energy Purchases from Qualified Cogeneration and Small Power Production Facilities	NOT UPDATED
Schedule 3	Conditions Governing Extensions of Electric Distribution Lines and Services	UPDATED
Schedule 4	Conditions Governing the Totalized Metering of Electric Loads	UPDATED
Schedule 5	Guidelines for Electric Curtailment	NOT UPDATED
Schedule 7	Electric Meter Testing and Maintenance Plan	NOT UPDATED
Schedule 10	Terms and Conditions of Direct Access	NOT UPDATED
Schedule 15	Conditions Governing the Providing of Electric kWh Pulses	NOT UPDATED



**RATE SCHEDULE E-3  
RESIDENTIAL SERVICE  
ENERGY SUPPORT PROGRAM**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. Customers may not receive discounts under this schedule and Rate Schedule E-4 Medical Support Care Program concurrently.

APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access electric service billed under Residential Rate Schedules, where the customer has qualified for this rate as specified in the Company's Plan for Administration of the Residential Energy Support Program pursuant to Arizona Corporation Commission Decision Nos. 55931, 56680 and 69663. All provisions of the applicable Residential Rate Schedule will apply except as modified herein.

RATES

The customer's bill shall be in accordance with the applicable specified schedule with the following exceptions:

		The Total Bill as calculated according to the applicable Residential Rate Schedule (before Taxes, Regulatory Assessments and Franchise Fees)	
A.	<u>For Bills with Usage of:</u>	<u>Will be Discounted by:</u>	
	0 – 400 kWh	40%	
	401 – 800 kWh	26%	
	801 – 1200 kWh	14%	
	1201-kWh and above	\$13.00	
B.	Adjustment Schedule PSA-1 will not apply to customers served under this rate schedule.		



**RATE SCHEDULE E-4  
RESIDENTIAL SERVICE  
MEDICAL CARE EQUIPMENT SUPPORT PROGRAM**

**AVAILABILITY**

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. Customers may not receive discounts under this schedule and Rate Schedule E-3 Energy Support Program concurrently.

**APPLICATION**

This rate schedule is applicable to all Standard Offer and Direct Access electric service billed under Residential Rate Schedules, where the customer has qualified for this rate as specified in the Company's Plan for Administration of the Medical Care Equipment Program pursuant to Arizona Corporation Commission Decision Nos. 59222 and 69663. All provisions of the applicable Residential Rate Schedule will apply except as modified herein.

**RATES**

The customer's bill shall be in accordance with the applicable specified schedule with the following exceptions:

		The Total Bill as calculated according to the applicable Residential Rate Schedule (before Taxes, Regulatory Assessments and Franchise Fees)
A.	<u>For Bills with Usage of:</u>	<u>Will be Discounted by:</u>
	0 - 800 kWh	40%
	801 - 1400 kWh	26%
	1401 - 2000 kWh	14%
	2001 - kWh and above	\$26.00
B.	Adjustment Schedule PSA-1 will not apply to customers served under this rate schedule.	



**RATE SCHEDULE E-10  
RESIDENTIAL SERVICE  
INTERIM CLASSIC RATE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access electric service, except as stated below, required for residential purposes in individual private dwellings and in individually metered apartments when such service is supplied at one site through one point of delivery and measured through one meter. For those dwellings and apartments where electric service has historically been measured through two meters, when one of the meters was installed pursuant to a water heating or space heating rate schedule no longer in effect, the electric service measured by such meters shall be combined for billing purposes.

Additionally, this rate schedule is applicable only to those customers being served on the Company's Rate Schedule E-10 prior to December 6, 1991. In addition, this rate schedule will be cancelled as of July 1, 2008.

This rate schedule is not applicable to breakdown, standby, supplemental or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be single phase, 60 Hertz, at a single standard voltage (120/240 or 120/208 as may be selected by customer subject to availability at the customer's site). Three phase service may be furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services), and is required for motors of an individual rated capacity of 7-1/2 HP or more.

RATES

The customer's bill shall be computed at the following rates, plus any adjustments incorporated in this schedule:

Bundled Standard Offer Service

Basic Service Charge: \$ 0.253 per day

Energy Charge:

May - October Billing Cycles (Summer)	November - April Billing Cycles (Winter)
\$0.08744 per kWh for the first 400 kWh, plus \$0.12432 per kWh for the next 400 kWh, plus \$0.14736 per kWh for all additional kWh	\$0.08499 per kWh

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge: \$ 0.056 per day



**RATE SCHEDULE E-10  
RESIDENTIAL SERVICE  
INTERIM CLASSIC RATE**

RATES (cont)

Unbundled Components (cont)

Revenue Cycle Service Charges:

Metering \$ 0.080 per day

Meter Reading \$ 0.055 per day

Billing \$ 0.062 per day

System Benefits Charge: \$ 0.00185 per kWh

Transmission Charge: \$ 0.00520 per kWh

Delivery Charge: \$ 0.03288 per kWh

Generation Charges:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.04751 per kWh for the first 400 kWh, plus \$0.08439 per kWh for the next 400 kWh, plus \$0.10743 per kWh for all additional kWh	\$0.04506 per kWh

DIRECT ACCESS

The bill for Direct Access customers will consist of the Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: January 1, 1969

A.C.C. No. 5647  
Canceling A.C.C. No. 5569  
Rate Schedule E-10  
Revision No. 38  
Effective: July 1, 2007



**RATE SCHEDULE E-10  
RESIDENTIAL SERVICE  
INTERIM CLASSIC RATE**

ADJUSTMENTS (cont)

5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

Any applicable contract period will be set forth in APS' standard agreement for service.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-12  
RESIDENTIAL SERVICE  
STANDARD RATE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access electric service, except as stated below, required for residential purposes in individual private dwellings and in individually metered apartments when such service is supplied at one site through one point of delivery and measured through one meter. For those dwellings and apartments where electric service has historically been measured through two meters, when one of the meters was installed pursuant to a water heating or space heating rate schedule no longer in effect, the electric service measured by such meters shall be combined for billing purposes. Rate selection is subject to paragraphs 3.2 through 3.5 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services.

This schedule is not applicable to breakdown, standby, supplemental or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be single phase, 60 Hertz, at a single standard voltage (120/240 or 120/208 as may be selected by customer subject to availability at the customer's site). Three phase service may be furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services), and is required for motors of an individual rated capacity of 7-1/2 HP or more.

RATES

The customer's bill shall be computed at the following rates plus any adjustments incorporated in this schedule:

Bundled Standard Offer Service

Basic Service Charge: \$ 0.253 per day

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.08570 per kWh for the first 400 kWh, plus \$0.12175 per kWh for the next 400 kWh, plus \$0.14427 per kWh for all additional kWh	\$0.08327 per kWh

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge: \$ 0.056 per day



**RATE SCHEDULE E-12  
RESIDENTIAL SERVICE  
STANDARD RATE**

RATES (cont)

Unbundled Components (cont)

Revenue Cycle Service Charges:

Metering \$ 0.080 per day

Meter Reading \$ 0.055 per day

Billing \$ 0.062 per day

System Benefits Charge: \$ 0.00185 per kWh

Transmission Charge: \$ 0.00520 per kWh

Delivery Charge: \$ 0.03288 per kWh

Generation Charges:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.04577 per kWh for the first 400 kWh, plus \$0.08182 per kWh for the next 400 kWh, plus \$0.10434 per kWh for all additional kWh	\$0.04334 per kWh

DIRECT ACCESS

The bill for Direct Access customers will consist of the Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: July 1, 1983

A.C.C. No. 5648  
Canceling A.C.C. No. 5570  
Rate Schedule E-12  
Revision No. 22  
Effective: July 1, 2007



**RATE SCHEDULE E-12  
RESIDENTIAL SERVICE  
STANDARD RATE**

ADJUSTMENTS (cont)

5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

Any applicable contract period will be set forth in APS' standard agreement for service.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE EC-1**  
**RESIDENTIAL SERVICE WITH DEMAND CHARGE**  
**INTERIM DEMAND ADVANTAGE RATE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access electric service, except as stated below, required for residential purposes in individual private dwellings and in individually metered apartments when such service is supplied at one site through one point of delivery and measured through one meter.

Additionally, this rate schedule is applicable only to those customers being served on the Company's Rate Schedule EC-1 prior to December 6, 1991, except for those customers who have installed and operate either a solar water heater, installed by a registered installer, or an electric heat pump water heater. In addition, this rate schedule is cancelled as of July 1, 2008.

This schedule is not applicable to breakdown, standby, supplemental or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be single phase, 60 Hertz, at a single standard voltage (120/240 or 120/208 as may be selected by customer subject to availability at the customer's site). Three phase service may be furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services), and is required for motors of an individual rated capacity of 7-1/2 HP or more.

RATES

The customer's bill shall be computed at the following rates, plus any adjustments incorporated in this schedule:

Bundled Standard Offer Service

Basic Service Charge: \$ 0.493 per day

Demand Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$12.260 per kW	\$8.420 per kW

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$ 0.05108 per kWh	\$0.03857 per kWh



**RATE SCHEDULE EC-1**  
**RESIDENTIAL SERVICE WITH DEMAND CHARGE**  
**INTERIM DEMAND ADVANTAGE RATE**

RATES (cont)

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge:	\$ 0.208	per day
Revenue Cycle Service Charges:		
Metering	\$ 0.168	per day
Meter Reading	\$ 0.055	per day
Billing	\$ 0.062	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 0.00526	per kWh
Delivery Charge:		

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$3.380 per kW, plus \$0.01125 per kWh	\$1.850 per kW, plus \$0.01380 per kWh

Generation Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$8.880 per kW, plus \$0.03278 per kWh	\$6.570 per kW, plus \$0.01772 per kWh

DIRECT ACCESS

The bill for Direct Access customers will consist of the Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 60-minute period of maximum use as determined from readings of the Company's meter.



**RATE SCHEDULE EC-1  
RESIDENTIAL SERVICE WITH DEMAND CHARGE  
INTERIM DEMAND ADVANTAGE RATE**

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

**CONTRACT PERIOD**

Any applicable contract period will be set forth in APS' standard agreement for service.

**TERMS AND CONDITIONS**

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE ECT-1R  
RESIDENTIAL SERVICE  
TIME-OF-USE WITH DEMAND CHARGE  
COMBINED ADVANTAGE RATE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access electric service, except as stated below, required for residential purposes in individual private dwellings and in individually metered apartments when such service is supplied at one site through one point of delivery and measured through one meter.

Rate selection is subject to paragraphs 3.2 through 3.5 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatt/kilowatthour meter.

This schedule is not applicable to breakdown, standby, supplemental or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be single phase, 60 Hertz, at a single standard voltage (120/240 or 120/208 as may be selected by customer subject to availability at the customer's site). Three phase service may be furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services), and is required for motors of an individual rated capacity of 7-1/2 HP or more.

RATES

The customer's bill shall be computed at the following rates, plus any adjustments incorporated in this schedule:

Bundled Standard Offer Service

Basic Service Charge: \$ 0.493 per day

Demand Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$11.860 per On-Peak kW	\$8.150 per On-Peak kW

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$ 0.06593 per kWh during On-Peak hours, plus \$ 0.03689 per kWh during Off-Peak hours	\$0.04975 per kWh during On-Peak hours, plus \$0.03526 per kWh during Off-Peak hours

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: December 1, 1988

A.C.C. No. 5650  
Canceling A.C.C. No. 5630  
Rate Schedule ECT-1R  
Revision No. 17  
Effective: July 1, 2007



**RATE SCHEDULE ECT-1R  
RESIDENTIAL SERVICE  
TIME-OF-USE WITH DEMAND CHARGE  
COMBINED ADVANTAGE RATE**

RATES (cont)

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge:	\$ 0.208	per day
Revenue Cycle Service Charges:		
Metering	\$ 0.168	per day
Meter Reading	\$ 0.055	per day
Billing	\$ 0.062	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 0.00520	per kWh

Delivery Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$3.380 per On-Peak kW, plus \$0.01125 per kWh	\$1.850 per On-Peak kW, plus \$0.01380 per kWh

Generation Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$8.480 per On-Peak kW, plus \$0.04763 per kWh during On-Peak hours, plus \$0.01859 per kWh during Off-Peak hours	\$6.300 per On-Peak kW, plus \$0.02890 per kWh during On-Peak hours, plus \$0.01441 per kWh during Off-Peak hours

DIRECT ACCESS

The bill for Direct Access customers will consist of the Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

TIME PERIODS

The standard Company On-Peak time period for residential rate schedules is 9 a.m. to 9 p.m. Monday through Friday. All hours not included in the On-Peak time period shall be Off-Peak hours.

Mountain Standard Time shall be used in the application of this rate schedule.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: December 1, 1988

A.C.C. No. 5650  
Canceling A.C.C. No. 5630  
Rate Schedule ECT-1R  
Revision No. 17  
Effective: July 1, 2007



**RATE SCHEDULE ECT-1R  
RESIDENTIAL SERVICE  
TIME-OF-USE WITH DEMAND CHARGE  
COMBINED ADVANTAGE RATE**

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 60-minute period of maximum use during On-Peak hours, as determined from readings of the Company's meter.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

Any applicable contract period will be set forth in APS' standard agreement for service.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: December 1, 1988

A.C.C. No. 5650  
Canceling A.C.C. No. 5630  
Rate Schedule ECT-1R  
Revision No. 17  
Effective: July 1, 2007



**RATE SCHEDULE ECT-2  
RESIDENTIAL SERVICE  
TIME-OF-USE WITH DEMAND CHARGE  
COMBINED ADVANTAGE 7PM-NOON**

**AVAILABILITY**

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

This rate schedule will be available beginning July 1, 2006 subject to meter availability and work schedule constraints.

A customer participating in this rate may switch to another available residential rate during their first year of subscription or anytime thereafter. However, after switching to another rate, the customer may not return to this rate for a period of 1 year. Eligible customers that have switched between other residential rates within the 12 months prior to implementation of this rate may subscribe to this rate before the 1-year minimum stay is completed.

**APPLICATION**

This rate schedule is applicable to all Standard Offer and Direct Access electric service, except as stated below, required for residential purposes in individual private dwellings and in individually metered apartments when such service is supplied at one site through one point of delivery and measured through one meter.

Rate selection is subject to paragraphs 3.2 through 3.5 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatt/kilowatthour meter.

This schedule is not applicable to breakdown, standby, supplemental or resale service.

**TYPE OF SERVICE**

The type of service provided under this schedule will be single phase, 60 Hertz, at a single standard voltage (120/240 or 120/208 as may be selected by customer subject to availability at the customer's site). Three phase service may be furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services) and is required for motors of an individual rated capacity of 7-1/2 HP or more.

**RATES**

The customer's bill shall be computed at the following rates, plus any adjustments incorporated in this schedule:

**Bundled Standard Offer Service**

Basic Service Charge: \$ 0.493 per day

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: July 1, 2006

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Canceling A.C.C. No. 5639  
Rate Schedule ECT-2  
Revision No. 2  
Effective: July 1, 2007



**RATE SCHEDULE ECT-2  
RESIDENTIAL SERVICE  
TIME-OF-USE WITH DEMAND CHARGE  
COMBINED ADVANTAGE 7PM-NOON**

**RATES (cont)**

**Bundled Standard Offer Service (cont)**

**Demand Charge:**

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$11.870 per On-Peak kW	\$8.150 per On-Peak kW

**Energy Charge:**

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.07833 per kWh during On-Peak hours, plus \$0.03864 per kWh during Off-Peak hours	\$0.05150 per kWh during On-Peak hours, plus \$0.03784 per kWh during Off-Peak hours

Bundled Standard Offer Service consists of the following Unbundled Components:

**Unbundled Components**

Basic Service Charge:	\$ 0.208	per day
Revenue Cycle Service Charges:		
Metering	\$ 0.168	per day
Meter Reading	\$ 0.055	per day
Billing	\$ 0.062	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 0.00520	per kWh

**Delivery Charge:**

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$3.380 per On-Peak kW, plus \$0.01125 per kWh	\$1.850 per On-Peak kW, plus \$0.01380 per kWh



**RATE SCHEDULE ECT-2  
RESIDENTIAL SERVICE  
TIME-OF-USE WITH DEMAND CHARGE  
COMBINED ADVANTAGE 7PM-NOON**

RATES (cont)

Generation Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$8.490 per On-Peak kW, plus \$0.06003 per kWh during On-Peak hours, plus \$0.02034 per kWh during Off-Peak hours	\$6.300 per On-Peak kW, plus \$0.03065 per kWh during On-Peak hours, plus \$0.01699 per kWh during Off-Peak hours

DIRECT ACCESS

The bill for Direct Access customers will consist of the Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

TIME PERIODS

The On-Peak time period for this rate schedule is 12 noon to 7 p.m. Monday through Friday excluding the holidays listed below. All hours not included in the On-Peak time period shall be Off-Peak hours.

The following holidays are Off-Peak: New Year's Day (January 1), Memorial Day (last Monday in May), Independence Day (July 4), Labor Day (first Monday in September), Thanksgiving Day (fourth Thursday in November), and Christmas (December 25). When any holiday listed above falls on a Saturday, the preceding Friday will be recognized as an off-peak period. When any holiday listed above falls on a Sunday, the following Monday will be recognized as an off-peak period.

Mountain Standard Time shall be used in the application of this rate schedule.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 60-minute period of maximum use during the customer's On-Peak hours, as determined from readings of the Company's meter.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: July 1, 2006

A.C.C. No. 5651  
Canceling A.C.C. No. 5639  
Rate Schedule ECT-2  
Revision No. 2  
Effective: July 1, 2007



**RATE SCHEDULE ECT-2  
RESIDENTIAL SERVICE  
TIME-OF-USE WITH DEMAND CHARGE  
COMBINED ADVANTAGE 7PM-NOON**

ADJUSTMENTS (Con't)

3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

Any applicable contract period will be set forth in APS' standard agreement for service.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE ET-1  
RESIDENTIAL SERVICE TIME-OF-USE  
TIME ADVANTAGE RATE**

**AVAILABILITY**

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

**APPLICATION**

This rate schedule is applicable to all Standard Offer and Direct Access electric service required for residential purposes in individual private dwellings and in individually metered apartments when such service is supplied at one site through one point of delivery and measured through one meter.

Rate selection is subject to paragraphs 3.2 through 3.5 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatthour meter.

This schedule is not applicable to breakdown, standby, supplemental or resale service.

**TYPE OF SERVICE**

The type of service provided under this schedule will be single phase, 60 Hertz, at a single standard voltage (120/240 or 120/208 as may be selected by customer subject to availability at the customer's site). Three phase service may be furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services), and is required for motors of an individual rated capacity of 7-1/2 HP or more.

**RATES**

The customer's bill shall be computed at the following rates, plus any adjustments incorporated in this schedule:

**Bundled Standard Offer Service**

Basic Service Charge: \$ 0.493 per day

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$ 0.15810 per kWh during On-Peak hours, plus \$ 0.05110 per kWh during Off-Peak hours	\$0.12845 per kWh during On-Peak hours, plus \$0.04925 per kWh during Off-Peak hours

Bundled Standard Offer Service consists of the following Unbundled Components:

**Unbundled Components**

Basic Service Charge: \$ 0.211 per day



**RATE SCHEDULE ET-1  
RESIDENTIAL SERVICE TIME-OF-USE  
TIME ADVANTAGE RATE**

RATES (cont)

Unbundled Components (cont)

Revenue Cycle Service Charges:		
Metering	\$ 0.165	per day
Meter Reading	\$ 0.055	per day
Billing	\$ 0.062	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 0.00520	per kWh
Delivery Charge:	\$ 0.02474	per kWh

Generation Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.12631 per kWh during On-Peak hours, plus \$0.01931 per kWh during Off-Peak hours	\$0.09666 per kWh during On-Peak hours, plus \$0.01746 per kWh during Off-Peak hours

DIRECT ACCESS

The bill for Direct Access customers will consist of the Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

TIME PERIODS

The standard Company On-Peak time period for residential rate schedules is 9 a.m. to 9 p.m. Monday through Friday. All hours not included in the On-Peak time period shall be Off-Peak hours.

Mountain Standard Time shall be used in the application of this rate schedule.



**RATE SCHEDULE ET-1  
RESIDENTIAL SERVICE TIME-OF-USE  
TIME ADVANTAGE RATE**

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

**CONTRACT PERIOD**

Any applicable contract period will be set forth in APS' standard agreement for service.

**TERMS AND CONDITIONS**

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE ET-2  
RESIDENTIAL SERVICE TIME-OF-USE  
TIME ADVANTAGE 7PM-NOON**

**AVAILABILITY**

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

This rate schedule will be available beginning July 1, 2006 subject to meter availability and work schedule constraints.

A customer participating in this rate may switch to another available residential rate during their first year of subscription or anytime thereafter. However, after switching to another rate, the customer may not return to this rate for a period of 1 year. Eligible customers that have switched between other residential rates within the 12 months prior to implementation of this rate may subscribe to this rate before the 1-year minimum stay is completed.

**APPLICATION**

This rate schedule is applicable to all Standard Offer and Direct Access electric service required for residential purposes in individual private dwellings and in individually metered apartments when such service is supplied at one site through one point of delivery and measured through one meter.

Rate selection is subject to paragraphs 3.2 through 3.5 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatthour meter.

This schedule is not applicable to breakdown, standby, supplemental or resale service.

**TYPE OF SERVICE**

The type of service provided under this schedule will be single phase, 60 Hertz, at a single standard voltage (120/240 or 120/208 as may be selected by customer subject to availability at the customer's site). Three phase service may be furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services) and is required for motors of an individual rated capacity of 7-1/2 HP or more.

**RATES**

The customer's bill shall be computed at the following rates, plus any adjustments incorporated in this schedule:

**Bundled Standard Offer Service**

Basic Service Charge: \$ 0.493 per day

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$ 0.21601 per kWh during On-Peak hours, plus \$ 0.05413 per kWh during Off-Peak hours	\$0.17519 per kWh during On-Peak hours, plus \$0.05412 per kWh during Off-Peak hours

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
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A.C.C. No. 5653  
Canceling A.C.C. No. 5638  
Rate Schedule ET-2  
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Effective: July 1, 2007



**RATE SCHEDULE ET-2  
RESIDENTIAL SERVICE TIME-OF-USE  
TIME ADVANTAGE 7PM-NOON**

RATES (cont)

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge:	\$ 0.211	per day
Revenue Cycle Service Charges:		
Metering	\$ 0.165	per day
Meter Reading	\$ 0.055	per day
Billing	\$ 0.062	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 0.00520	per kWh
Delivery Charge:	\$ 0.02474	per kWh
Generation Charge:		

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.18422 per kWh during On-Peak hours, plus \$0.02234 per kWh during Off-Peak hours	\$0.14340 per kWh during On-Peak hours, plus \$0.02233 per kWh during Off-Peak hours

DIRECT ACCESS

The bill for Direct Access customers will consist of the Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

TIME PERIODS

The On-Peak time period for this rate schedule is 12 noon to 7 p.m. Monday through Friday excluding the holidays listed below. All hours not included in the On-Peak time period shall be Off-Peak hours.

The following holidays are Off-Peak: New Year's Day (January 1), Memorial Day (last Monday in May), Independence Day (July 4), Labor Day (first Monday in September), Thanksgiving Day (fourth Thursday in November), and Christmas (December 25). When any holiday listed above falls on a Saturday, the preceding Friday will be recognized as an off-peak period. When any holiday listed above falls on a Sunday, the following Monday will be recognized as an off-peak period. Mountain Standard Time shall be used in the application of this rate schedule.



**RATE SCHEDULE ET-2  
RESIDENTIAL SERVICE TIME-OF-USE  
TIME ADVANTAGE 7PM-NOON**

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

**CONTRACT PERIOD**

Any applicable contract period will be set forth in APS' standard agreement for service.

**TERMS AND CONDITIONS**

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-20**  
**CLASSIFIED SERVICE**  
**TIME OF USE FOR RELIGIOUS HOUSES OF WORSHIP**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to Standard Offer electric service for non-taxable religious houses of worship whose main purpose is worship and who have an established and continuing membership. Only the meter that measures service to the building in which the sanctuary or principal place of worship is located is eligible for this schedule. Customers must apply to the Company in order to determine eligibility for service under this schedule, and the Company may request a copy of the Internal Revenue Service letter in which the customer's non-taxable status as a religious organization is determined. In addition, customers agree to provide the Company a copy of any Internal Revenue Service letter which changes or supersedes that tax status determination.

Rate selection is subject to paragraphs 3.2 and 3.3 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatt meter.

Additionally, this rate schedule is applicable only to those customers being served on the Company's Rate Schedule E-20 prior to April 1, 2005.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service nor to service for which Rate Schedules E-34 or E-35 is applicable. Direct Access customers are not eligible for this rate schedule.

TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site. Three phase service is furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services). Three phase service is not furnished for motors of an individual rated capacity of less than 7-1/2 HP, except for existing facilities or where total aggregate HP of all connected three phase motors exceeds 12 HP. Three phase service is required for motors of an individual rated capacity of more than 7-1/2 HP.

RATES

The bill shall be computed at the following rates or the minimum rates, whichever is greater, plus any adjustments incorporated in this schedule:

Basic Service Charge: \$ 0.941 per day

Demand Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$2.112 per On-Peak kW	\$1.905 per On-Peak kW

In the event the Off-Peak kW is greater than twice the highest On-Peak kW established during the current month, the difference between such Off-Peak kW and twice the On-Peak kW shall be billed at 50% of the current month's On-Peak kW charge, in addition to the Demand Charge as stated above.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: July 1, 1996

A.C.C. No. 5665  
Canceling A.C.C. No. 5586  
Rate Schedule E-20  
Revision No. 9  
Effective: July 1, 2007



**RATE SCHEDULE E-20**  
**CLASSIFIED SERVICE**  
**TIME OF USE FOR RELIGIOUS HOUSES OF WORSHIP**

RATES (cont)

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.12704 per kWh during On-Peak hours, plus \$0.06136 per kWh during Off-Peak hours	\$0.11170 per kWh during On-Peak hours, plus \$0.05500 per kWh during Off-Peak hours

MINIMUM

The bill for service under this rate schedule will not be less than \$0.941 per day plus \$1.724 for each kW of either: (1) the highest kW established during the twelve (12) months ending with the current month, or (2) the minimum kW specified in the agreement for service, whichever is the greater.

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the On-Peak and Off-Peak periods during the month, as determined from readings of the Company's meter.

TIME PERIODS

Time periods applicable to usage under this rate schedule are as follows:

On-Peak hours:	11:00 am – 9:00 pm Monday through Friday
Off-Peak hours:	All remaining hours

Mountain Standard Time shall be used in the application of this rate schedule.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: July 1, 1996

A.C.C. No. 5665  
Canceling A.C.C. No. 5586  
Rate Schedule E-20  
Revision No. 9  
Effective: July 1, 2007



**RATE SCHEDULE E-20**  
**CLASSIFIED SERVICE**  
**TIME OF USE FOR RELIGIOUS HOUSES OF WORSHIP**

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for all customers receiving service under this rate schedule will be one (1) year at the Company's option.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-21  
GENERAL SERVICE  
TIME OF USE LESS THAN 100 KW**

**AVAILABILITY**

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. A maximum of sixty (60) customers with a demand of 0 to 40 kW, twenty-five (25) customers with a demand of 41 to 71 kW and fifteen (15) customers with a demand of 71 to 100 kW, for a total of one hundred (100) customers, may be served on this rate.

**APPLICATION**

This rate schedule is applicable to Standard Offer electric service customers whose monthly demand is 100 kW or less. In the event demand exceeds 100 kW for three (3) consecutive months, this rate is no longer applicable. Service must be supplied at one point of delivery and measured through one meter unless otherwise specified by individual customer contract. Direct Access customers are not eligible for service under this schedule.

Rate selection is subject to paragraphs 3.2 and 3.3 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatt meter.

This rate schedule is applicable only to those customers being served on the Company's Rate Schedule E-21 prior to July 1, 1996. In addition, this rate schedule will be cancelled as of January 1, 2008.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.

**TYPE OF SERVICE**

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site. Three phase service is furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services). Three phase service is not furnished for motors of an individual rated capacity of less than 7-1/2 HP, except for existing facilities or where total aggregate HP of all connected three phase motors exceeds 12 HP. Three phase service is required for motors of an individual rated capacity of more than 7-1/2 HP.

**RATES**

The bill shall be computed at the following rates or minimum rates, whichever is greater, plus any adjustments incorporated in this schedule:

Basic Service Charge: \$ 0.925 per day

Demand Charge:

June – October Billing Cycles (Summer)	November – May Billing Cycles (Winter)
\$2.010 per On-Peak kW	\$1.810 per On-Peak kW

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: December 29, 1992

A.C.C. No. 5654  
Canceling A.C.C. No. 5574  
Rate Schedule E-21  
Revision No. 11  
Effective: July 1, 2007



**RATE SCHEDULE E-21  
GENERAL SERVICE  
TIME OF USE LESS THAN 100 KW**

RATES (cont)

**Demand Charge (cont):**

In the event the Off-Peak kW is greater than twice the highest On-Peak kW established during the current month, the difference between such Off-Peak kW and twice the On-Peak kW shall be billed at 50% of the current month's On-Peak kW charge, in addition to the Demand Charge as stated above.

**Energy Charge:**

June – October Billing Cycles (Summer)	November – May Billing Cycles (Winter)
\$0.12097 per kWh during On-Peak hours, plus \$0.05843 per kWh during Off-Peak hours	\$0.10638 per kWh during On-Peak hours, plus \$0.05237 per kWh during Off-Peak hours

MINIMUM

The bill for service under this rate schedule will not be less than \$0.685 per day plus \$1.67 for each kW of either: (1) the highest kW established during the On-Peak or Off-Peak period during the twelve (12) months ending with the current month, or (2) the minimum kW specified in an agreement for service, whichever is the greater.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the On-Peak and Off-Peak periods during the month as determined from readings of the Company's meter.

TIME PERIODS

Time periods applicable to usage under this rate schedule are as follows:

On-Peak hours: 11:00 am – 9:00 pm Monday through Friday  
Off-Peak hours: All remaining hours

Mountain Standard Time shall be used in the application of this rate schedule.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.



**RATE SCHEDULE E-21  
GENERAL SERVICE  
TIME OF USE LESS THAN 100 KW**

ADJUSTMENTS (cont)

4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for customers receiving service under this rate schedule will be one (1) year or longer, at the Company's option.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-22  
SMALL GENERAL SERVICE  
TIME OF USE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. A maximum of three hundred (300) customers, selected and approved by the Director of the Utilities Division of the Arizona Corporation Commission after consultation with all interested parties, may be served under this rate schedule.

APPLICATION

This rate schedule is applicable to Standard Offer electric service required when such service is supplied at one point of delivery and measured through one meter unless otherwise specified by individual customer contract. Direct Access customers are not eligible for service under this schedule.

Rate selection is subject to paragraphs 3.2 and 3.3 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatt meter.

This rate schedule is applicable only to those customers being served on the Company's Rate Schedule E-22 prior to April 1, 2005. In addition, this rate schedule will be cancelled as of January 1, 2008.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service, nor to service for which Rate Schedule E-34 or E-35 is applicable.

TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site. Three phase service is furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services). Three phase service is not furnished for motors of an individual rated capacity of less than 7-1/2 HP, except for existing facilities or where total aggregate HP of all connected three phase motors exceeds 12 HP. Three phase service is required for motors of an individual rated capacity of more than 7-1/2 HP.

RATES

The bill shall be computed at the following rates or minimum rates, whichever is greater, plus any adjustments incorporated in this schedule:

Basic Service Charge: \$ 0.925 per day

Demand Charge:

June – October Billing Cycles (Summer)	November – May Billing Cycles (Winter)
\$2.230 per On-Peak kW	\$2.020 per On-Peak kW

In the event the Off-Peak kW is greater than twice the highest On-Peak kW established during the current month, the difference between such Off-Peak kW and twice the On-Peak kW shall be billed at 50% of the current month's On-Peak kW charge, in addition to the Demand Charge as stated above.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 1988

A.C.C. No. 5655  
Canceling A.C.C. No. 5575  
Rate Schedule E-22  
Revision No. 16  
Effective: July 1, 2007



**RATE SCHEDULE E-22  
SMALL GENERAL SERVICE  
TIME OF USE**

RATES (cont)

Energy Charge:

June – October Billing Cycles (Summer)	November – May Billing Cycles (Winter)
\$0.12125 per kWh during On-Peak hours, plus \$0.07475 per kWh during Off-Peak hours	\$0.10285 per kWh during On-Peak hours, plus \$0.06430 per kWh during Off-Peak hours

MINIMUM

The bill for service under this rate schedule will not be less than \$0.685 per day plus \$1.67 for each kW of either: (1) the highest kW established during the On-Peak or Off-Peak period during the twelve (12) months ending with the current month, or (2) the minimum kW specified in an agreement for service, whichever is the greater.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the On-Peak and Off-Peak periods during the month, as determined from readings of the Company's meter.

TIME PERIODS

Time periods applicable to usage under this rate schedule are as follows:

On-Peak hours: 11:00 am – 9:00 pm Monday through Friday  
Off-Peak hours: All remaining hours

Mountain Standard Time shall be used in the application of this rate schedule.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 1988

A.C.C. No. 5655  
Canceling A.C.C. No. 5575  
Rate Schedule E-22  
Revision No. 16  
Effective: July 1, 2007



**RATE SCHEDULE E-22  
SMALL GENERAL SERVICE  
TIME OF USE**

ADJUSTMENTS (cont)

6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for customers receiving service under this rate schedule will be one (1) year or longer, at the Company's option.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-23  
MEDIUM GENERAL SERVICE  
TIME OF USE**

**AVAILABILITY**

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. A maximum of one hundred and fifty (150) customers, selected and approved by the Director of the Utilities Division of the Arizona Corporation Commission after consultation with all interested parties, may be served under this rate schedule.

**APPLICATION**

This rate schedule is applicable to Standard Offer electric service required when such service is supplied at one point of delivery and measured through one meter unless otherwise specified by individual customer contract. Direct Access customers are not eligible for service under this schedule.

Rate selection is subject to paragraphs 3.2 and 3.3 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatt meter.

This rate schedule is applicable only to those customers being served on the Company's Rate Schedule E-23 prior to April 1, 2005. In addition, this rate will be cancelled as of January 1, 2008.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service, nor to service for which Rate Schedule E-34 or E-35 is applicable.

**TYPE OF SERVICE**

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site. Three phase service is furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services). Three phase service is not furnished for motors of an individual rated capacity of less than 7-1/2 HP, except for existing facilities or where total aggregate HP of all connected three phase motors exceeds 12 HP. Three phase service is required for motors of an individual rated capacity of more than 7-1/2 HP.

**RATES**

The bill shall be computed at the following rates or minimum rates, whichever is greater, plus any adjustments incorporated in this schedule:

Basic Service Charge: \$ 1.988 per day

Demand Charge:

June - October Billing Cycles (Summer)	November - May Billing Cycles (Winter)
\$6.410 per On-Peak kW	\$5.820 per On-Peak kW

In the event the Off-Peak kW is greater than twice the highest On-Peak kW established during the current month, the difference between such Off-Peak kW and twice the On-Peak kW shall be billed at 50% of the current month's On-Peak kW charge, in addition to the Demand Charge as stated above.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 1988

A.C.C. No. 5656  
Canceling A.C.C. No. 5576  
Rate Schedule E-23  
Revision No. 15  
Effective: July 1, 2007



**RATE SCHEDULE E-23  
MEDIUM GENERAL SERVICE  
TIME OF USE**

RATES (cont)

Energy Charge:

June – October Billing Cycles (Summer)	November – May Billing Cycles (Winter)
\$0.08163 per kWh during On-Peak hours, plus \$0.05843 per kWh during Off-Peak hours	\$0.07328 per kWh during On-Peak hours, plus \$0.05237 per kWh during Off-Peak hours

MINIMUM

The bill for service under this rate schedule will not be less than \$0.685 per day plus \$1.67 for each kW of either:  
(1) the highest kW established during the On-Peak or Off-Peak period during the twelve (12) months ending with the current month, or (2) the minimum kW specified in an agreement for service, whichever is the greater.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the On-Peak and Off-Peak periods during the month, as determined from readings of the Company's meter.

TIME PERIODS

Time periods applicable to usage under this rate schedule are as follows:

On-Peak hours: 11:00 am – 9:00 pm Monday through Friday  
Off-Peak hours: All remaining hours

Mountain Standard Time shall be used in the application of this rate schedule.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 1988

A.C.C. No. 5656  
Canceling A.C.C. No. 5576  
Rate Schedule E-23  
Revision No. 15  
Effective: July 1, 2007



**RATE SCHEDULE E-23  
MEDIUM GENERAL SERVICE  
TIME OF USE**

ADJUSTMENTS (cont)

6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for customers receiving service under this rate schedule will be one (1) year or longer, at the Company's option.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-24  
LARGE GENERAL SERVICE  
TIME OF USE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. A maximum of fifty (50) customers, selected and approved by the Director of the Utilities Division of the Arizona Corporation Commission after consultation with all interested parties, may be served under this rate schedule.

APPLICATION

This rate schedule is applicable to Standard Offer electric service required when such service is supplied at one point of delivery and measured through one meter unless otherwise specified by individual customer contract. Direct Access customers are not eligible for service under this schedule.

Rate selection is subject to paragraphs 3.2 and 3.3 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatt meter.

This rate schedule is applicable only to those customers being served on the Company's Rate Schedule E-24 prior to April 1, 2005. In addition, this rate schedule will be cancelled as of January 1, 2008.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service, nor to service for which Rate Schedule E-34 or E-35 is applicable.

TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site. Three phase service is furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services). Three phase service is not furnished for motors of an individual rated capacity of less than 7-1/2 HP, except for existing facilities or where total aggregate HP of all connected three phase motors exceeds 12 HP. Three phase service is required for motors of an individual rated capacity of more than 7-1/2 HP.

RATES

The bill shall be computed at the following rates or minimum rates, whichever is greater, plus any adjustments incorporated in this schedule:

Basic Service Charge: \$34.271 per day

Demand Charge:

June - October Billing Cycles (Summer)	November - May Billing Cycles (Winter)
\$9.390 per On-Peak kW	\$8.510 per On-Peak kW

In the event the Off-Peak kW is greater than twice the highest On-Peak kW established during the current month, the difference between such Off-Peak kW and twice the On-Peak kW shall be billed at 50% of the current month's On-Peak kW charge, in addition to the Demand Charge as stated above.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 1988

A.C.C. No. 5657  
Canceling A.C.C. No. 5577  
Rate Schedule E-24  
Revision No. 16  
Effective: July 1, 2007



**RATE SCHEDULE E-24  
LARGE GENERAL SERVICE  
TIME OF USE**

RATES (cont)

Energy Charge:

June – October Billing Cycles (Summer)	November – May Billing Cycles (Winter)
\$0.05283 per kWh during On-Peak hours, plus \$0.03797 per kWh during Off-Peak hours	\$0.04723 per kWh during On-Peak hours, plus \$0.03393 per kWh during Off-Peak hours

MINIMUM

The bill for service under this rate schedule will not be less than \$0.685 per day plus \$1.67 for each kW of either: (1) the highest kW established during the On-Peak or Off-Peak period during the twelve (12) months ending with the current month, or (2) the minimum kW specified in an agreement for service, whichever is the greater.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the On-Peak and Off-Peak periods during the month, as determined from readings of the Company's meter.

TIME PERIODS

Time periods applicable to usage under this rate schedule are as follows:

On-Peak hours: 11:00 am – 9:00 pm Monday through Friday  
Off-Peak hours: All remaining hours

Mountain Standard Time shall be used in the application of this rate schedule.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 1988

A.C.C. No. 5657  
Canceling A.C.C. No. 5577  
Rate Schedule E-24  
Revision No. 16  
Effective: July 1, 2007



**RATE SCHEDULE E-24  
LARGE GENERAL SERVICE  
TIME OF USE**

ADJUSTMENTS (cont)

6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for customers receiving service under this rate schedule will be one (1) year or longer, at the Company's option.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-30  
GENERAL SERVICE  
EXTRA SMALL UNMETERED**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access electric service required where demand and energy requirements are constant, subject to the limitations set forth in the Special Provisions of this schedule. Billing quantities must be subject to accurate determination without the use of metering equipment, and service must be supplied at a single point of delivery.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be single phase, 60 Hertz, at a single standard voltage (120/240 or 120/208 volts as may be selected by customer subject to availability at the customer's site). The cost of service extension shall include transformation equipment, if required.

RATES

The bill shall be computed at the following rates, plus any adjustments incorporated in this rate schedule:

Bundled Standard Offer Service

Basic Service Charge: \$ 0.275 per day

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.12782 per kWh	\$0.11472 per kWh

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge: \$ 0.215 per day

Revenue Cycle Service Charges:  
Billing: \$ 0.060 per day

System Benefits Charge: \$ 0.00185 per kWh

Transmission Charge: \$ 0.00424 per kWh

Delivery Charge: \$ 0.04478 per kWh

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 1, 1986

A.C.C. No. 5658  
Canceling A.C.C. No. 5578  
Rate Schedule E-30  
Revision No. 15  
Effective: July 1, 2007



**RATE SCHEDULE E-30  
GENERAL SERVICE  
EXTRA SMALL UNMETERED**

RATES (cont)

Unbundled Components (cont)

Generation Charge:

May - October Billing Cycles (Summer)	November - April Billing Cycles (Winter)
\$0.07695 per kWh	\$0.06385 per kWh

DIRECT ACCESS

The bill for Direct Access customers will consist of the Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 1, 1986

A.C.C. No. 5658  
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Rate Schedule E-30  
Revision No. 15  
Effective: July 1, 2007



**RATE SCHEDULE E-30  
GENERAL SERVICE  
EXTRA SMALL UNMETERED**

SPECIAL PROVISIONS

1. Electric services being served on the Company's Rate Schedule E-30 prior to April 1, 2005 will continue to be served under this rate schedule; however, services eligible for this rate schedule after that date must meet the demand and energy requirements set forth in the following Special Provisions.
2. This rate schedule is applicable only to loads where monthly demand (kW) and energy (kWh) requirements remain constant. Monthly demand and energy requirements may not exceed 1.5 kW or 1,095 kWh at 120 volts, or 2.9 kW or 2,117 kWh at 240 volts, for each delivery point. Determination of fixed monthly energy usage will be based on an average 730 hour month.
3. Prior written approval by an authorized Company representative is required before service is implemented under this rate schedule.
4. Prior written approval by an authorized Company representative is required for any change in loads. An unauthorized load change will automatically disqualify that customer from service under this rate schedule.
5. The Company shall have the right to inspect the customer's load facilities at any time to ensure compliance with all provisions of this rate schedule.

CONTRACT PERIOD

Any applicable contract period will be set forth in the Company's standard agreement for service.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



## RATE SCHEDULE E-32 GENERAL SERVICE

### AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

### APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access electric service required when such service is supplied at one point of delivery and measured through one meter. Rate selection is subject to paragraphs 3.2 through 3.5 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service nor to service for which Rate Schedule E-34 is applicable.

### TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site. Three phase service is furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services). Three phase service is not furnished for motors of an individual rated capacity of less than 7-1/2 HP, except for existing facilities or where total aggregate HP of all connected three phase motors exceeds 12 HP. Three phase service is required for motors of an individual rated capacity of more than 7-1/2 HP. Service under this schedule is generally provided at secondary voltage, primary voltage when the customer owns the distribution transformer(s), or transmission voltage.

### RATES

The bill shall be computed at the following rates or the minimum rates, whichever is greater, plus any adjustments incorporated in this rate schedule:

#### FOR MONTHLY MAXIMUM DEMANDS OF 20 kW OR LESS

##### Bundled Standard Offer Service

##### Basic Service Charge:

For service through Self-Contained Meters:	\$ 0.575	per day, or
For service through Instrument-Rated Meters:	\$ 1.134	per day, or
For service at Primary Voltage:	\$ 2.926	per day, or
For service at Transmission Voltage:	\$22.422	per day



**RATE SCHEDULE E-32  
GENERAL SERVICE**

RATES (cont)

FOR MONTHLY MAXIMUM DEMANDS OF 20 kW OR LESS (cont)

Bundled Standard Offer Service (cont)

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
For Secondary Service: \$0.11438 per kWh for the first 5,000 kWh, plus \$0.06254 per kWh for all additional kWh, or	For Secondary Service: \$0.09929 per kWh for the first 5,000 kWh, plus \$0.04745 per kWh for all additional kWh, or
For Primary Service: \$0.11160 per kWh for the first 5,000 kWh, plus \$0.05976 per kWh for all additional kWh	For Primary Service: \$0.09651 per kWh for the first 5,000 kWh, plus \$0.04467 per kWh for all additional kWh

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge:	\$ 0.108	per day
Revenue Cycle Service Charges:		
Metering:		
Self-Contained Meters:	\$ 0.345	per day, or
Instrument-Rated Meters:	\$ 0.904	per day, or
Primary:	\$ 2.696	per day, or
Transmission:	\$22.192	per day

These daily metering charges apply to typical installations. Customers requiring specialized facilities are subject to additional metering charges that reflect the additional cost of the installation, (for example, a customer taking service at 230 kV). Adjustments to unbundled metering components will result in an adjustment to the bundled Basic Service Charge.

Meter Reading:	\$ 0.058	per day
Billing:	\$ 0.064	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 0.00424	per kWh



**RATE SCHEDULE E-32  
GENERAL SERVICE**

RATES (cont)

FOR MONTHLY MAXIMUM DEMANDS OF 20 kW OR LESS (cont)

Unbundled Components (cont)

Delivery Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
For Secondary Service: \$0.03462 per kWh for the first 5,000 kWh, plus \$0.01045 per kWh for all additional kWh, or	For Secondary Service: \$0.03455 per kWh for the first 5,000 kWh, plus \$0.01038 per kWh for all additional kWh, or
For Primary Service: \$0.03184 per kWh for the first 5,000 kWh, plus \$0.00767 per kWh for all additional kWh	For Primary Service: \$0.03177 per kWh for the first 5,000 kWh, plus \$0.00760 per kWh for all additional kWh

Generation Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.07367 per kWh for the first 5,000 kWh, plus \$0.04600 per kWh for all additional kWh	\$0.05865 per kWh for the first 5,000 kWh, plus \$0.03098 per kWh for all additional kWh

FOR MONTHLY MAXIMUM DEMANDS GREATER THAN 20 kW

Bundled Standard Offer Service

Basic Service Charge:

For service through Self-Contained Meters:	\$ 0.575	per day, or
For service through Instrument-Rated Meters:	\$ 1.134	per day, or
For service at Primary Voltage:	\$ 2.926	per day, or
For service at Transmission Voltage:	\$22.422	per day

Demand Charge:

Secondary Service:	\$ 8.477 per kW for the first 100 kW, plus \$ 4.509 per kW for all additional kW, or
Primary Service:	\$ 7.865 per kW for the first 100 kW, plus \$ 3.897 per kW for all additional kW, or
Transmission Service:	\$ 6.132 per kW for the first 100 kW, plus \$ 2.164 per kW for all additional kW



**RATE SCHEDULE E-32  
GENERAL SERVICE**

**RATES (cont)**

**FOR MONTHLY MAXIMUM DEMANDS GREATER THAN 20 KW (cont)**

**Bundled Components (cont)**

**Energy Charge:**

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.09115 per kWh for the first 200 kWh per kW, plus \$0.05330 per kWh for all additional kWh	\$0.07613 per kWh for the first 200 kWh per kW, plus \$0.03828 per kWh for all additional kWh

Bundled Standard Offer Service consists of the following Unbundled Components:

**Unbundled Components**

Basic Service Charge: \$ 0.108 per day

**Revenue Cycle Service Charges:**

**Metering:**

Self-Contained Meters: \$ 0.345 per day, or  
Instrument-Rated Meters: \$ 0.904 per day, or  
Primary: \$ 2.696 per day, or  
Transmission: \$22.192 per day

These daily metering charges apply to typical installations. Customers requiring specialized facilities are subject to additional metering charges that reflect the additional cost of the installation, (for example, a customer taking service at 230 Kv). Adjustments to unbundled metering components will result in an adjustment to the bundled Basic Service Charge.

Meter Reading: \$ 0.058 per day

Billing: \$ 0.064 per day

System Benefits Charge: \$ 0.00185 per kWh

Transmission Charge: \$ 1.585 per kW

**Delivery Charge:**

Secondary Service: \$ 6.892 per kW for the first 100 kW, plus  
\$ 2.924 per kW for all additional kW, plus  
\$ 0.00010 per kWh, or

Primary Service: \$ 6.280 per kW for the first 100 kW, plus  
\$ 2.312 per kW for all additional kW, plus  
\$ 0.00010 per kWh, or



**RATE SCHEDULE E-32  
GENERAL SERVICE**

RATES (cont)

FOR MONTHLY MAXIMUM DEMANDS GREATER THAN 20 KW (cont)

Unbundled Components Delivery Charges (cont)

Transmission Service:	\$ 4.547	per kW for the first 100 kW, plus
	\$ 0.579	per kW for all additional kW, plus
	\$ 0.00010	per kWh

Generation Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.08920 per kWh for the first 200 kWh per kW, plus \$0.05135 per kWh for all additional kWh	\$0.07418 per kWh for the first 200 kWh per kW, plus \$0.03633 per kWh for all additional kWh

DIRECT ACCESS

The bill for Direct Access customers under this rate schedule will consist of the applicable Unbundled Components Basic Service Charge, System Benefits Charge, and Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the applicable Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

MINIMUM

The bill for Standard Offer and Direct Access customers will not be less than the applicable Bundled Standard Offer Service Basic Service charge plus \$1.910 for each kW of either: (1) the highest kW established during the twelve (12) months ending with the current month; or (2) the minimum kW specified in an agreement for service, whichever is the greater.

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 1, 1983

A.C.C. No. 5659  
Canceling A.C.C. No. 5579  
Rate Schedule E-32  
Revision No. 20  
Effective: July 1, 2007



**RATE SCHEDULE E-32  
GENERAL SERVICE**

**DETERMINATION OF KW**

For billing purposes, including determination of Monthly Maximum Demands, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the month as determined from readings of the Company's meter.

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

**CONTRACT PERIOD**

For customers with monthly maximum demands less than 2,000 kW, any applicable contract period will be set forth in the Company's standard agreement for service. For customers with monthly maximum demands of 2,000 kW or greater, and at the Company's option, the contract period will be three (3) years or longer where additional distribution construction is required to serve the customer or, if no additional distribution construction is required, the contract period will be one (1) year or longer.

**TERMS AND CONDITIONS**

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 1, 1983

A.C.C. No. 5659  
Canceling A.C.C. No. 5579  
Rate Schedule E-32  
Revision No. 20  
Effective: July 1, 2007



**RATE SCHEDULE E-32TOU  
GENERAL SERVICE  
TIME OF USE**

**AVAILABILITY**

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

**APPLICATION**

This rate schedule is applicable to all Standard Offer and Direct Access electric service required when such service is supplied at one point of delivery and measured through one meter. Rate selection is subject to paragraphs 3.2 through 3.5 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, and this rate schedule will become effective only after the Company has installed the required timed kilowatt/kilowatthour meter.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service nor to service for which Rate Schedule E-35 is applicable.

**TYPE OF SERVICE**

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site. Three phase service is furnished under the Company's Schedule 3 (Conditions Governing Extensions of Electric Distribution Lines and Services). Three phase service is not furnished for motors of an individual rated capacity of less than 7-1/2 HP, except for existing facilities or where total aggregate HP of all connected three phase motors exceeds 12 HP. Three phase service is required for motors of an individual rated capacity of more than 7-1/2 HP.

Service under this schedule is generally provided at secondary voltage; primary voltage when the customer owns the distribution transformer(s), or transmission voltage.

**RATES**

The bill shall be computed at the following rates or the minimum rates, whichever is greater, plus any adjustments incorporated in this rate schedule:

**FOR MONTHLY MAXIMUM DEMANDS OF 20 kW OR LESS**

**Bundled Standard Offer Service**

**Basic Service Charge:**

For service through Self-Contained Meters	\$ 0.608	per day, or
For service through Instrument-Rated Meters:	\$ 1.134	per day, or
For service at Primary Voltage:	\$ 2.926	per day, or
For service at Transmission Voltage:	\$22.422	per day

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 2005

A.C.C. No. 5660  
Canceling A.C.C. No. 5581  
Rate Schedule E-32TOU  
Revision No. 1  
Effective: July 1, 2007



**RATE SCHEDULE E-32TOU  
GENERAL SERVICE  
TIME OF USE**

RATES (cont)

FOR MONTHLY MAXIMUM DEMANDS OF 20 kW OR LESS (cont)

Bundled Standard Offer Service (cont)

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
<u>For Secondary Service:</u> \$0.14329 per kWh for the first 5,000 On-Peak kWh, plus \$0.07118 per kWh for all additional On-Peak kWh, plus \$0.10607 per kWh for the first 5,000 Off-Peak kWh, plus \$0.03849 per kWh for all additional Off-Peak kWh, or	<u>For Secondary Service:</u> \$0.12847 per kWh for the first 5,000 On-Peak kWh, plus \$0.05633 per kWh for all additional On-Peak kWh, plus \$0.09124 per kWh for the first 5,000 Off-Peak kWh, plus \$0.02766 per kWh for all additional Off-Peak kWh, or
<u>For Primary Service:</u> \$0.14047 per kWh for the first 5,000 On-Peak kWh, plus \$0.06770 per kWh for all additional On-Peak kWh, plus \$0.10325 per kWh for the first 5,000 Off-Peak kWh, plus \$0.03567 per kWh for all additional Off-Peak kWh	<u>For Primary Service:</u> \$0.12565 per kWh for the first 5,000 On-Peak kWh, plus \$0.05285 per kWh for all additional On-Peak kWh, plus \$0.08842 per kWh for the first 5,000 Off-Peak kWh, plus \$0.02484 per kWh for all additional Off-Peak kWh

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge:	\$ 0.108	per day
Revenue Cycle Service Charges:		
Metering:		
Self-Contained Meters:	\$ 0.378	per day, or
Instrument-Rated Meters:	\$ 0.904	per day, or
Primary:	\$ 2.696	per day, or
Transmission:	\$22.422	per day

These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges that reflect the additional cost of the installation, (for example, a customer taking service at 230 kV). Adjustments to unbundled metering components will result in an adjustment to the bundled Basic Service Charge.

Meter Reading:	\$ 0.058	per day
Billing:	\$ 0.064	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 0.00424	per kWh

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 2005

A.C.C. No. 5660  
Canceling A.C.C. No. 5581  
Rate Schedule E-32TOU  
Revision No. 1  
Effective: July 1, 2007



**RATE SCHEDULE E-32TOU  
GENERAL SERVICE  
TIME OF USE**

RATES (cont)

FOR MONTHLY MAXIMUM DEMANDS OF 20 kW OR LESS (cont)

Unbundled Components (cont)

Delivery Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
<u>For Secondary Service:</u> \$0.04259 per kWh for the first 5,000 On-Peak kWh, plus \$0.01106 per kWh for all additional On-Peak kWh, plus \$0.03509 per kWh for the first 5,000 Off-Peak kWh plus \$0.00809 per kWh for all additional Off-Peak kWh, or	<u>For Secondary Service:</u> \$0.04252 per kWh for the first 5,000 On-Peak kWh, plus \$0.01097 per kWh for all additional On-Peak kWh, plus \$0.03502 per kWh for the first 5,000 Off-Peak kWh plus \$0.00802 per kWh for all additional Off-Peak kWh, or
<u>For Primary Service:</u> \$0.03977 per kWh for the first 5,000 On-Peak kWh, plus \$0.00758 per kWh for all additional On-Peak kWh, plus \$0.03227 per kWh for the first 5,000 Off-Peak kWh plus \$0.00527 per kWh for all additional Off-Peak kWh	<u>For Primary Service:</u> \$0.03970 per kWh for the first 5,000 On-Peak kWh, plus \$0.00749 per kWh for all additional On-Peak kWh, plus \$0.03220 per kWh for the first 5,000 Off-Peak kWh plus \$0.00520 per kWh for all additional Off-Peak kWh

Generation Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.09461 per kWh for the first 5,000 On-Peak kWh, plus \$0.05403 per kWh for all additional On-Peak kWh, plus \$0.06489 per kWh for the first 5,000 Off-Peak kWh, plus \$0.02431 per kWh for all additional Off-Peak kWh	\$0.07986 per kWh for the first 5,000 On-Peak kWh, plus \$0.03927 per kWh for all additional On-Peak kWh, plus \$0.05013 per kWh for the first 5,000 Off-Peak kWh, plus \$0.01355 per kWh for all additional Off-Peak kWh

FOR MONTHLY MAXIMUM DEMANDS GREATER THAN 20 kW

Bundled Standard Offer Service

Basic Service Charge:

For service through Self-Contained Meters:	\$ 0.608	per day, or
For service through Instrument-Rated Meters:	\$ 1.134	per day, or
For service at Primary Voltage:	\$ 2.926	per day, or
For service at Transmission Voltage:	\$22.422	per day

Demand Charge:

Secondary Service:	\$12.400 per kW for the first 100 On-Peak kW, plus \$ 8.420 per kW for all additional On-Peak kW, plus \$ 4.755 per kW for the first 100 Off-Peak kW, plus \$ 2.648 per kW for all additional Off-Peak kW
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ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 2005

A.C.C. No. 5660  
Canceling A.C.C. No. 5581  
Rate Schedule E-32TOU  
Revision No. 1  
Effective: July 1, 2007



**RATE SCHEDULE E-32TOU  
GENERAL SERVICE  
TIME OF USE**

RATES (cont)

FOR MONTHLY MAXIMUM DEMANDS GREATER THAN 20 kW(cont)

Bundled Components (cont)

Primary Service: \$12.002 per kW for the first 100 On-Peak kW, plus  
\$ 8.361 per kW for all additional On-Peak kW, plus  
\$ 4.256 per kW for the first 100 Off-Peak kW, plus  
\$ 2.579 per kW for all additional Off-Peak kW

Transmission Service: \$11.291 per kW for the first 100 On-Peak kW, plus  
\$ 8.116 per kW for all additional On-Peak kW, plus  
\$ 3.693 per kW for the first 100 Off-Peak kW, plus  
\$ 2.486 per kW for all additional Off-Peak kW

Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.06312 per kWh during On-Peak hours, plus \$0.05016 during Off-Peak hours	\$0.04836 per kWh during On-Peak hours, plus \$0.03540 during Off-Peak hours

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components:

Basic Service Charge: \$ 0.108 per day

Revenue Cycle Service Charges:

Metering:

Self-Contained Meters: \$ 0.378 per day, or

Instrument-Rated Meters: \$ 0.904 per day, or

Primary: \$ 2.696 per day, or

Transmission: \$22.192 per day

These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges that reflect the additional cost of the installation, (for example, a customer taking service at 230 kV). Adjustments to unbundled metering components will result in an adjustment to the bundled Basic Service Charge.

Meter Reading: \$ 0.058 per day

Billing: \$ 0.064 per day

System Benefits Charge: \$ 0.00185 per kWh

Transmission Charge: \$ 1.585 On-Peak kW



**RATE SCHEDULE E-32TOU  
GENERAL SERVICE  
TIME OF USE**

RATES (cont)

FOR MONTHLY MAXIMUM DEMANDS GREATER THAN 20 KW (cont)

Unbundled Components (cont)

Delivery Charge:

Secondary Service:	\$ 4.795	per kW for the first 100 On-Peak kW, plus
	\$ 0.815	per kW for all additional On-Peak kW, plus
	\$ 2.464	per kW for the first 100 Off-Peak kW, plus
	\$ 0.357	per kW for all additional Off-Peak kW, plus
	\$ 0.00010	per kWh, or
Primary Service:	\$ 4.397	per kW for the first 100 On-Peak kW, plus
	\$ 0.756	per kW for all additional On-Peak kW, plus
	\$ 1.965	per kW for the first 100 Off-Peak kW, plus
	\$ 0.288	per kW for all additional Off-Peak kW, plus
	\$ 0.00010	per kWh, or
Transmission Service:	\$ 3.686	per kW for the first 100 On-Peak kW, plus
	\$ 0.511	per kW for all additional On-Peak kW, plus
	\$ 1.402	per kW for the first 100 Off-Peak kW, plus
	\$ 0.195	per kW for all additional Off-Peak kW, plus
	\$ 0.00010	per kWh

Generation Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$6.020 per On-Peak kW, plus \$2.291 per Off-Peak kW, plus \$0.06117 per kWh during On-Peak hours, plus \$0.04821 per kWh during Off-Peak hours	\$6.020 per On-Peak kW, plus \$2.291 per Off-Peak kW, plus \$0.04641 per kWh during On-Peak hours, plus \$0.03345 per kWh during Off-Peak hours

DIRECT ACCESS

The bill for Direct Access customers under this rate schedule will consist of the applicable Unbundled Components Basic Service Charge, System Benefits Charge, and Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the applicable Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.



**RATE SCHEDULE E-32TOU  
GENERAL SERVICE  
TIME OF USE**

**MINIMUM**

The bill for Standard Offer and Direct Access customers will not be less than the applicable Bundled Standard Offer Service Basic Service Charge plus \$1.91 for each of either: (1) the highest On-Peak kW established during the twelve (12) months ending with the current month; or (2) the minimum kW specified in an agreement for service, whichever is the greater.

**POWER FACTOR**

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

**DETERMINATION OF KW**

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the On-Peak and Off-Peak periods during the billing period, as determined from readings of the Company's meter.

In addition, Monthly Maximum Demands will be based on the highest average kW supplied during the 15-minute period during either the On-Peak or Off-Peak hours of the billing period, as determined from readings of the Company's meter.

**TIME PERIODS**

Time periods applicable to usage under this rate schedule are as follows:

On-Peak hours:	11:00 am – 9:00 pm Monday through Friday
Off-Peak hours:	All remaining hours

Mountain Standard Time shall be used in the application of this rate schedule.

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 2005

A.C.C. No. 5660  
Canceling A.C.C. No. 5581  
Rate Schedule E-32TOU  
Revision No. 1  
Effective: July 1, 2007



**RATE SCHEDULE E-32TOU  
GENERAL SERVICE  
TIME OF USE**

ADJUSTMENTS (cont)

2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

For customers with monthly maximum demands less than 2,000 kW, any applicable contract period will be set forth in the Company's standard agreement for service. For customers with monthly maximum demands of 2,000 kW or greater, and at the Company's option, the contract period will be three (3) years or longer where additional distribution construction is required to serve the customer or, if no additional distribution construction is required, the contract period will be one (1) year or longer.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: April 1, 2005

A.C.C. No. 5660  
Canceling A.C.C. No. 5581  
Rate Schedule E-32TOU  
Revision No. 1  
Effective: July 1, 2007



**RATE SCHEDULE E-34  
EXTRA LARGE GENERAL SERVICE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access customers whose monthly maximum demand registers 3,000 kW or more for three (3) consecutive months in any continuous twelve (12) month period ending with the current month. Service must be supplied at one point of delivery and measured through one meter unless otherwise specified by an individual customer contract.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be three phase, 60 Hertz, at the Company's standard voltages that are available within the vicinity of the customer site.

Service under this schedule is generally provided at secondary voltage, primary voltage when the customer owns the distribution transformer(s), or transmission voltage.

RATES

The bill shall be computed at the following rates or the minimum rates, whichever is greater, plus any adjustments incorporated in this rate schedule:

Bundled Standard Offer Service

Basic Service Charge:

For service through Self-Contained Meters:	\$ 0.575	per day, or
For service through Instrument-Rated Meters:	\$ 1.134	per day, or
For service at Primary Voltage:	\$ 2.926	per day, or
For service at Transmission Voltage:	\$ 22.422	per day

Demand Charge:

Secondary Service:	\$ 15.297	per kW, or
Primary Service:	\$ 14.507	per kW, or
Transmission Service:	\$ 10.577	per kW

The Demand Charge for military base customers taking primary service and served directly from a Company substation shall be reduced to \$11.257 per kW.

Energy Charge:	\$ 0.03715	per kWh
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ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 1, 1983

A.C.C. No. 5662  
Canceling A.C.C. No. 5582  
Rate Schedule E-34  
Revision No. 19  
Effective: July 1, 2007



**RATE SCHEDULE E-34  
EXTRA LARGE GENERAL SERVICE**

RATES (cont)

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components:

Basic Service Charge:	\$ 0.108	per day
Revenue Cycle Service Charges:		
Metering:		
Self-Contained Meters:	\$ 0.345	per day, or
Instrument-Rated Meters:	\$ 0.904	per day, or
Primary:	\$ 2.696	per day, or
Transmission:	\$ 22.192	per day

These daily metering charges apply to typical installations. Customers requiring specialized facilities are subject to additional metering charges that reflect the additional cost of the installation, (for example, a customer taking service at 230 kV). Adjustments to unbundled metering components will result in an adjustment to the bundled Basic Service Charge.

Meter Reading:	\$ 0.058	per day
Billing:	\$ 0.064	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 1.776	per kW
Delivery Charge:		
Secondary Service:	\$ 4.959	per kW
Primary Service:	\$ 4.169	per kW
Transmission Service:	\$ 0.239	per kW

The Delivery Charge for military base customers taking primary service and served directly from a Company substation shall be reduced to \$0.919 per kW.

Generation Charge:	\$ 8.562	per kW, plus
	\$ 0.03530	per kWh

Direct Access

The bill for Direct Access customers will consist of the applicable Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the applicable Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.



**RATE SCHEDULE E-34  
EXTRA LARGE GENERAL SERVICE**

MINIMUM

The bill for service under this rate schedule shall not be less than the applicable Bundled Standard Offer Service Basic Service Charge plus the applicable Bundled Standard Offer Service Demand Charge for each kW as determined below.

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-conforming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-conforming power factor or other detrimental conditions shall be required to remedy problems or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be the greater of the following:

1. The average kW supplied during the 15-minute period (or other period as specified by an individual customer contract) of maximum use during the month, as determined from readings of the Company's meter.
2. 80% of the highest kW measured during the six (6) summer billing months (May-October) of the twelve (12) months ending with the current month.
3. The minimum kW specified in the agreement for service or individual contract.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 1, 1983

A.C.C. No. 5662  
Canceling A.C.C. No. 5582  
Rate Schedule E-34  
Revision No. 19  
Effective: July 1, 2007



**RATE SCHEDULE E-34  
EXTRA LARGE GENERAL SERVICE**

ADJUSTMENTS (cont)

5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for customers served under this rate schedule will be three (3) years, at the Company's option. If the Company determines that the customer service location is such that unusual or substantial distribution construction is required to serve the site, the Company may require a contract of ten (10) years or longer with a standard seven (7) year termination provision.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-35  
EXTRA LARGE GENERAL SERVICE  
TIME OF USE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to all Standard Offer and Direct Access customers whose monthly maximum demand registers 3,000 kW or more for three (3) consecutive months in any continuous twelve (12) month period ending with the current month. Service must be supplied at one point of delivery and measured through one meter unless otherwise specified by an individual customer contract.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be three phase, 60 Hertz, at the Company's standard voltages that are available within the vicinity of the customer site.

Service under this schedule is generally provided at secondary voltage, primary voltage when the customer owns the distribution transformer(s), or transmission voltage.

RATES

The bill shall be computed at the following rates or the minimum rates, whichever is greater, plus any adjustments incorporated in this rate schedule:

Bundled Standard Offer Service

Basic Service Charge:

For service through Self-Contained Meters:	\$ 0.608	per day, or
For service through Instrument-Rated Meters:	\$ 1.134	per day, or
For service at Primary Voltage:	\$ 2.926	per day, or
For service at Transmission Voltage:	\$22.422	per day

Demand Charge:

Secondary Service:	\$13.313	per On-Peak kW, plus
	\$ 2.412	per Off-Peak kW, or
Primary Service:	\$12.653	per On-Peak kW, plus
	\$ 2.346	per Off-Peak kW, or
Transmission Service:	\$ 9.248	per On-Peak kW, plus
	\$ 2.005	per Off-Peak kW

The Demand Charge for military base customers taking primary service and served directly from a Company substation shall be reduced to \$ 10.163 per On-Peak kW and \$ 2.096 per Off-Peak kW.



**RATE SCHEDULE E-35  
EXTRA LARGE GENERAL SERVICE  
TIME OF USE**

RATES (cont)

Energy Charge:	\$ 0.04141	per kWh during On-Peak hours, plus
	\$ 0.03114	per kWh during Off-Peak hours

Bundled Standard Offer Service consists of the following Unbundled Components:

Unbundled Components

Basic Service Charge:	\$ 0.108	per day
Revenue Cycle Service Charges:		
Metering:		
Self-Contained Meters:	\$ 0.378	per day, or
Instrument-Rated Meters:	\$ 0.904	per day, or
Primary:	\$ 2.696	per day, or
Transmission:	\$22.192	per day

These daily metering charges apply to typical installations. Customers requiring specialized facilities are subject to additional metering charges that reflect the additional cost of the installation, (for example, a customer taking service at 230 kV). Adjustments to unbundled metering components will result in an adjustment to the bundled Basic Service Charge.

Meter Reading:	\$ 0.058	per day
Billing:	\$ 0.064	per day
System Benefits Charge:	\$ 0.00185	per kWh
Transmission Charge:	\$ 1.776	per On-Peak kW
Delivery Charge:		
Secondary Service:	\$ 4.368	per On-Peak kW, plus
	\$ 0.437	per kW Off-Peak, or
Primary Service:	\$ 3.708	per On-Peak kW, plus
	\$ 0.371	per Off-Peak kW, or
Transmission Service:	\$ 0.303	per On-Peak kW, plus
	\$ 0.030	per Off-Peak kW

In addition, the Delivery Charge for military base customers taking primary service and served directly from a Company substation shall be reduced to to \$ 1.218 per On-Peak kW and \$ 0.121 per Off-Peak kW.

Generation Charge:	\$ 7.169	per On-Peak kW, plus
	\$ 1.975	per Off-Peak kW, plus
	\$ 0.03956	per kWh during On-Peak hours, plus
	\$ 0.02929	per kWh during Off-Peak hours



**RATE SCHEDULE E-35  
EXTRA LARGE GENERAL SERVICE  
TIME OF USE**

RATES (cont)

Direct Access

The bill for Direct Access customers will consist of the applicable Unbundled Components Basic Service Charge, the System Benefits Charge, and the Delivery Charge, plus any applicable adjustments incorporated in this schedule. Direct Access customers must acquire and pay for generation, transmission, and revenue cycle services from a competitive third party supplier. If any revenue cycle services are not available from a third party supplier and must be obtained from the Company, the applicable Unbundled Components Revenue Cycle Service Charges will be applied to the customer's bill.

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

MINIMUM

The bill for service under this rate schedule shall not be less than the applicable Bundled Standard Offer Service Basic Service Charge plus the applicable Bundled Standard Offer Service Demand Charge for the minimum kW specified in the agreement for service or individual customer contract.

DETERMINATION OF KW

For billing purposes, the On-Peak kW used in this rate schedule shall be the greater of the following:

1. The average On-Peak kW supplied during the 15-minute period (or other period as specified by an individual customer contract) of maximum use during the On-Peak hours of the month, as determined from readings of the Company's meter.
2. 80% of the highest On-Peak kW measured during the six (6) summer billing months (May-October) of the twelve (12) months ending with the current month.

The Off-Peak kW used in this rate schedule shall be the average kW supplied during the 15-minute period (or other period as specified by individual customer contract) of maximum use during the Off-Peak hours of the month as determined from readings of the Company's meter.



**RATE SCHEDULE E-35  
EXTRA LARGE GENERAL SERVICE  
TIME OF USE**

TIME PERIODS

Time periods applicable to usage under this rate schedule are as follows:

On-Peak hours:	11:00 am – 9:00 pm Monday through Friday
Off-Peak hours:	All remaining hours

Mountain Standard Time shall be used in the application of this rate schedule.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for customers served under this rate schedule will be three (3) years, at the Company's option. If the Company determines that the customer service location is such that unusual or substantial distribution construction is required to serve the site, the Company may require a contract of ten (10) years or longer with a standard seven (7) year termination provision.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 10, 1988

A.C.C. No. 5663  
Canceling A.C.C. No. 5583  
Rate Schedule E-35  
Revision No. 14  
Effective: July 1, 2007



**RATE SCHEDULE E-35  
EXTRA LARGE GENERAL SERVICE  
TIME OF USE**

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TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-36  
CLASSIFIED SERVICE  
STATION USE SERVICE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served.

APPLICATION

This rate schedule is applicable to Standard Offer electric service for start-up and/or auxiliary load requirements for generation plants with a Power Supply capacity requirement of greater than 3 MW. Service must be supplied at one point of delivery and measured through one meter unless otherwise specified by individual customer contract. This rate schedule may be used in conjunction with other applicable Company rate schedules; however, any service under this schedule is not eligible for Direct Access.

TYPE OF SERVICE

The type of service provided under this rate schedule shall be three phase, 60 Hertz, at one standard voltage available within the vicinity of the customer's site.

RATES

The bill shall be the sum of the amounts included under A., B. and C. below, including any applicable adjustments:

A. Basic Service

Basic Service Charge: \$ 6,100.00 per month

B. Metering Service

The monthly metering charge shall be 1.29% of the total metering cost specified in the Electric Supply Agreement between the Company and the customer. This percentage will be reduced to 0.35% when the customer provides all necessary metering equipment and is responsible for its replacement. The customer shall also be responsible for all applicable costs associated with communications facilities used to compile metered usage information.

C. Power Supply Service

The charge for Power Supply Service shall be the sum of 1. and 2. below:

1. T & D Capacity Rate: \$ 4.58 per kW of Contract Power Supply Capacity for service provided at secondary distribution voltage levels (less than 12.5 kV), or  
\$ 4.42 per kW of Contract Power Supply Capacity for service provided at primary distribution voltage levels (12.5 kV to below 69 kV), or  
\$ 1.43 per kW of Contract Power Supply Capacity for service provided at transmission voltage levels (69 kV or higher)



**RATE SCHEDULE E-36  
CLASSIFIED SERVICE  
STATION USE SERVICE**

RATES (cont)

C. Power Supply Service (cont)

2. Power Supply/Energy/Ancillary  
Service Charge:

Hourly Pricing Proxy plus \$0.0005 for each kWh  
used

CONTRACT PERIOD

Any applicable contract periods will be set forth in an Electric Supply Agreement between the customer and the Company.

CONNECTION COSTS

The customer will pay all applicable connection costs and system improvement costs not otherwise covered in this schedule as a non-refundable contribution in aid of construction, including any associated tax liability.

POWER SUPPLY CAPACITY

Power Supply Capacity kW shall be defined as the greater of:

- (a) The amount of capacity (kW) reserved by the customer in the Electric Supply Agreement; or
- (b) The highest 15 minute measured kW supplied by the Company, by voltage level, to accommodate the start-up of the customer's generation unit(s) plus any necessary auxiliary load (including generation auxiliary load and/or any other load requirements at the plant site that would otherwise be provided by the customer when the generation unit(s) are running).

If more than one generation unit is present at a single site, the Electric Supply Agreement may, at the Company's option, allow the customer to start one unit at a time. In this instance, Power Supply Capacity kW shall be defined as the greater of:

- (a) The amount of capacity (kW) reserved by the customer in the Electric Supply Agreement; or
- (b) The highest 15 minute measured kW supplied by the Company, by voltage level, to accommodate the start-up of one and only one customer generation unit at any given time plus any necessary auxiliary load (including any or all generation auxiliary load and/or any other load requirements at the entire plant site that would otherwise be provided by the customer when any or all generation unit(s) are running).

If, during any one billing period, the highest 15 minute measured kW supplied by the Company (by voltage level) exceeds the amount of Power Supply Capacity specified in the Electric Supply Agreement, the Power Supply Capacity reservation (by voltage level) shall be permanently increased to equal the higher measured kW. If the Company incurs additional connection costs to provide this added capacity, the customer is responsible for payment of these costs as specified herein.



**RATE SCHEDULE E-36  
CLASSIFIED SERVICE  
STATION USE SERVICE**

RATES (cont)

DETERMINATION OF HOURLY PRICING PROXY

Hourly pricing proxy shall be calculated using the published day ahead Dow Jones Electricity Price Index. APS will calculate a weighted average using the day ahead hub pricing and volumes at Palo Verde, Four Corners, and Mead, for firm on-peak and off-peak prices as expressed on a per kWh basis, at the time Station Use power is supplied to the customer.

METERING

The Company will normally install a supply meter at the point of delivery to the customer and a generator meter(s) at the point(s) of output from each of the customer's generators. However, the customer can elect to supply this metering as long as it conforms to Company specifications. All meters will record integrated demand and energy on the same 15-minute interval basis as specified by the Company.

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm 95\%$  at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
3. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
4. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.



**RATE SCHEDULE E-36  
CLASSIFIED SERVICE  
STATION USE SERVICE**

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ADJUSTMENTS (cont)

5. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Service under this schedule is not subject to the Company's Adjustment Schedule PSA-1.

INTERCONNECTION REQUIREMENTS

The customer must meet all interconnection requirements as determined by the Company. The customer is responsible for all costs associated with interconnection of the customer's generation facility to the Company's system.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-38  
CLASSIFIED SERVICE  
AGRICULTURAL IRRIGATION SERVICE**

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This rate schedule is hereby cancelled effective July 1, 2007.



**RATE SCHEDULE E-38-8T**  
**CLASSIFIED SERVICE**  
**AGRICULTURAL IRRIGATION TIME-OF-USE SERVICE**

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This rate schedule is hereby cancelled effective July 1, 2007.



**RATE SCHEDULE E-40  
CLASSIFIED SERVICE  
AGRICULTURAL WIND MACHINE SERVICE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served.

APPLICATION

This rate schedule is applicable to all Standard Offer electric service required for the operation of wind machine for frost control during the months of November thru March only when such service is supplied at one point of delivery and measured through one meter. Direct Access customers are not eligible for this rate schedule.

This schedule is not applicable to temporary, breakdown, standby, supplementary, or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be three phase, 60 Hertz, at one standard voltage (120/240, 120/480, or 7,200/12,000 volts as may be selected by customer subject to availability at the site).

Applicable only to customers being served on the Company's Rate Schedule E-40 prior to November 15, 1986.

RATES

Basic Service Charge: \$ 0.04300 per HorsePower per day  
Energy Charge: \$ 0.08073 per kWh for all kWh

HorsePower will be equivalent to the wind machine name plate rating unless Company tests indicate the motor is overloaded by more than 15%.

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.



**RATE SCHEDULE E-40**  
**CLASSIFIED SERVICE**  
**AGRICULTURAL WIND MACHINE SERVICE**

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

SPECIAL PROVISIONS

1. For billing under this rate schedule, the customer may choose between one of the following options:
  - a) Monthly billing;
  - b) Semiannual billing for three (3) months in advance and three (3) months actual use; or
  - c) Annual billing for six (6) months in advance and six (6) months actual use.

After initial selection of payment by the customer no change may be made during the term of the service agreement.

2. Thermostatically controlled wind machines with automatic reclosing switches must be equipped at the customer's expense with suitable time-delay devices to permit the required adjustment of the time of reclosure after interruption of service.



**RATE SCHEDULE E-40  
CLASSIFIED SERVICE  
AGRICULTURAL WIND MACHINE SERVICE**

**SPECIAL PROVISIONS**

A time-delay device is a relay or other type of equipment that can be preset to delay with various time intervals the reclosing of the automatic switches in order to stagger the reconnection of the load on the utility's system. This device must be constructed so as to effectively permit a variable overall time interval of not less than five minutes with adjustable time increments of not greater than ten seconds. The particular setting to be utilized for each separate installation is to be determined by the Company from time to time in accordance with its operating requirements.

**CONTRACT PERIOD**

The initial customer contract period shall be five (5) years. The contract period for any renewals shall be three (3) years.

**TERMS AND CONDITIONS**

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.

**FROZEN**



**RATE SCHEDULE E-221  
CLASSIFIED SERVICE  
WATER PUMPING SERVICE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to Standard Offer electric service required for irrigation pumping or for water utilities for pumping potable water to serve the citizens of a city, town, or unincorporated community. Service must be supplied at one point of delivery and measured through one meter. Direct Access customers are not eligible for service under this schedule.

Rate selection is subject to paragraphs 3.2 and 3.3 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site.

RATES

The bill shall be computed at the following rates or minimum rates, whichever is greater, plus any adjustments incorporated in this schedule:

Basic Service Charge:	\$ 0.493	per day
Demand Charge:	\$ 1.660	per kW
Energy Charge:	\$ 0.10311	per kWh for the first 240 kWh, plus
	\$ 0.0701	per kWh for the next 275 kWh per kW, plus
	\$ 0.05755	per kWh for all additional kWh

OPTIONAL TIME-OF-WEEK PROVISION

AVAILABILITY

The Time-Of-Week option is available to all customers eligible for Rate Schedule E-221. The customer must enter into an Electric Supply Agreement with the Company stating the customer's assigned Control Period. The type of equipment required to provide and measure time-of-week service is non-standard; therefore availability is limited and the Company cannot guarantee installation of the equipment within any specific time.

CONTROL PERIOD

The Control Period is the thirteen (13) hour period from 9 a.m. to 10 p.m. for one day during the week (Monday through Friday). The specific day of the Control Period will be mutually agreed upon by the Company and the customer and will be set forth in the Electric Supply Agreement.



**RATE SCHEDULE E-221  
CLASSIFIED SERVICE  
WATER PUMPING SERVICE**

RATES (cont)

OPTIONAL TIME-OF-WEEK PROVISIONS (cont)

RATE

The bill for customers on the Time-Of-Week option will be adjusted in the following manner:

When measured kWh during the specified Control Period is:	The following will be applied to the bill (before any adjustments, taxes or assessments)
1. 2 kWh per kW or less	(0.00693) per kWh for all kWh
2. Greater than 2 kWh per kW but less than or equal to 8 kWh per kW	No adjustment
3. Greater than 8 kWh per kW	0.00347 per kWh for all kWh

MINIMUM

The bill for service under this rate schedule will not be less than \$0.493 per day plus \$1.66 for each kW of the highest kW established during the 12 months ending with the current month, or the minimum kW specified in the Electric Service Agreement, whichever is greater. However, such monthly minimum charge shall not be more than an amount sufficient to make the total charges for such 12 months equal to \$24.00 for each of such highest kW plus \$180.00, but in no instance more than the monthly minimum amount as computed above.

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVA may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

DETERMINATION OF KW

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the month, as determined from readings of the Company's meter, or at the Company's option, by test.



**RATE SCHEDULE E-221  
CLASSIFIED SERVICE  
WATER PUMPING SERVICE**

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for customers receiving service under this rate schedule will be one (1) year or longer. At the Company's option, the contract period will be three (3) years or longer where additional distribution construction is required to serve the customer.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-221-8T**  
**CLASSIFIED SERVICE**  
**WATER PUMPING SERVICE – TIME-OF-USE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to Standard Offer electric service required for irrigation pumping or for water utilities for pumping potable water to serve the citizens of a city, town, or unincorporated community. Service must be supplied at one point of delivery and measured through one meter. Direct Access customers are not eligible for service under this schedule.

Rate selection is subject to paragraphs 3.2 and 3.3 of the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services.

This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by customer subject to availability at the customer's site.

RATES

The bill shall be computed at the following rates or minimum rate, whichever is greater, plus any adjustments incorporated in this schedule:

Basic Service Charge:	\$ 0.851	per day
Demand Charge:	\$ 3.950	per On-Peak kW, plus
	\$ 2.360	per Off-Peak kW
Energy Charge:	\$ 0.08454	per kWh during On-Peak hours, plus
	\$ 0.04547	per kWh during Off-Peak hours

MINIMUM

The bill for service under this rate schedule will not be less than \$0.851 per day plus \$2.36 for each kW of the highest kW established during on or off peak hours during the 12 months ending with the current month, or the minimum kW specified in the Electric Service Agreement, whichever is greater. However, such monthly minimum charge shall not be more than an amount sufficient to make the total charges for such 12 months equal to \$34.20 for each of such highest kW plus \$310.44, but in no instance more than the monthly minimum amount as computed above.



**RATE SCHEDULE E-221-8T**  
**CLASSIFIED SERVICE**  
**WATER PUMPING SERVICE – TIME-OF-USE**

**POWER FACTOR**

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

**DETERMINATION OF KW**

For billing purposes, the kW used in this rate schedule shall be based on the average kW supplied during the 15-minute period of maximum use during the On-Peak and Off-Peak periods during the month, as determined from readings of the Company's meter, or at the Company's option, by test.

**TIME PERIODS**

For the purpose of this rate schedule, the On-Peak time period is a consecutive eight (8) hour period between 9 a.m. and 10 p.m. each and every day. The specific On-Peak period will be mutually agreed upon by the Company and the customer and will be set forth in an Electric Supply Agreement. All hours not included in the specified On-Peak period are designated as Off-Peak hours. Mountain Standard Time shall be used in the application of this rate schedule.

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 1, 1986

A.C.C. No. 5675  
Canceling A.C.C. No. 5602  
Rate Schedule E-221-8T  
Revision No. 17  
Effective: July 1, 2007



**RATE SCHEDULE E-221-8T  
CLASSIFIED SERVICE  
WATER PUMPING SERVICE – TIME-OF-USE**

ADJUSTMENTS (cont)

6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

CONTRACT PERIOD

The contract period for customers receiving service under this rate schedule will be one (1) year or longer. At the Company's option, the contract period will be three (3) years or longer where additional distribution construction is required to serve the customer.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-47**  
**CLASSIFIED SERVICE**  
**DUSK TO DAWN LIGHTING SERVICE**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to outdoor lighting which operates only from dusk to dawn and where service can be supplied from the existing secondary facilities of the Company. Dusk is defined as the time between sunset and full night when a photocontrol senses the lack of sufficient sunlight and turns on the lights. Dawn is defined as the time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

RATES

The customer's bill shall be computed at the following rates for each type of standard facility and/or service utilized to provide outdoor lighting, plus any adjustments incorporated in this schedule:

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	RATES	
				Company Owned	Customer Owned
A. Acorn	9,500 HPS	100	41	\$23.90	\$8.14
	16,000 HPS	150	69	26.53	10.29
B. Architectural	9,500 HPS	100	41	13.58	6.48
	16,000 HPS	150	69	15.86	8.67
	30,000 HPS	250	99	18.82	11.13
	50,000 HPS	400	153	23.22	16.01
	14,000 MH	175	72	19.00	10.41
	21,000 MH	250	101	21.57	12.84
	36,000 MH	400	159	26.97	17.66
	8,000 LPS	55	30	19.74	8.67
	13,500 LPS	90	50	23.28	10.46
	22,500 LPS	135	72	26.59	12.76
	33,000 LPS	180	90	31.99	15.03
C. Cobra/Roadway	5,800 HPS	70	29	7.71	4.56
	9,500 HPS	100	41	9.08	5.58
	16,000 HPS	150	69	11.37	7.79
	30,000 HPS	250	99	13.71	10.12
	50,000 HPS	400	153	18.60	14.46
	14,000 MH	175	72	13.22	9.01
	21,000 MH	250	101	15.45	11.21
	36,000 MH	400	159	20.34	15.57
	8,000 FL	100	38	15.19	4.45



**RATE SCHEDULE E-47**  
**CLASSIFIED SERVICE**  
**DUSK TO DAWN LIGHTING SERVICE**

**RATES (cont)**

**I. FIXTURES (Includes Mounting Arm, if Applicable) (cont)**

				RATES			
				Company Owned	Customer Owned		
D. Decorative Transit		Lumen	Watts	kWh			
		9,500 HPS	100	41	\$32.76	\$9.81	
		16,000 HPS	150	69	32.57	5.57	
E. Flood		30,000 HPS	250	99	37.50	14.15	
		30,000 HPS	250	99	18.20	11.31	
		50,000 HPS	400	153	22.57	15.69	
		21,000 MH	250	101	19.43	11.95	
F. Post Top		36,000 MH	400	159	23.69	16.21	
		Colonial Gray	8,000 FL	100	38	16.37	4.62
			9,500 HPS	100	41	9.36	5.87
		Colonial Black	9,500 HPS	100	41	10.78	6.08
		Decorative Transit	9,500 HPS	100	41	28.68	9.04
G. FROZEN							
		4,000 INC	295	103	8.64	4.83	
		7,000 MV	175	73	11.19	6.42	
		20,000 MV	400	150	22.01	12.47	
Brackets over 8 ft. and up to 16 ft. in length					1.52	--	

- NOTES:**
1. Company Owned fixtures are those fixtures that the Company installs, owns, operates, and maintains.
  2. Customer Owned fixtures are those fixtures where the customer installs and maintains the lighting fixtures, and the Company approves the installation, operates the fixtures, and replaces Company standard lamps only.
  3. Listed kWhs reflect the assigned monthly energy usage for each type of fixture and are used to determine any applicable transmission, system benefit, distribution, energy and adjustment charges.
  4. HPS = High Pressure Sodium
  5. MH = Metal Halide
  6. LPS = Low Pressure Sodium
  7. FL = Fluorescent
  8. INC = Incandescent. Incandescent lighting charges are applicable and available only to those customers being served and those installations in service on April 21, 1983.
  9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those customers being served and those installation in service on June 1, 1987 in accordance with A.R.S. §49-1104(A).



**RATE SCHEDULE E-47**  
**CLASSIFIED SERVICE**  
**DUSK TO DAWN LIGHTING SERVICE**

RATES (cont)

II. POLES

				RATES
				Company Owned
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	Height	
			12 ft.	\$10.75
			22 ft.	12.10
			25 ft.	13.09
			30 ft.	15.04
			32 ft.	15.80
	Round Steel	2 Simplex Adapters	12 ft.	11.46
			22 ft.	13.17
			25 ft.	13.73
			30 ft.	15.96
			32 ft.	17.03
	Square Steel	5"	13 ft.	12.32
			15 ft.	11.01
			23 ft.	13.06
			25 ft.	14.36
			28 ft.	15.94
			32 ft.	15.85
	Concrete		12 ft.	36.72
	Fiberglass		12 ft.	31.10
	Decorative Transit Pedestrian	4"	16 ft.	30.32
	Decorative Transit	6"	30 ft.	58.54
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	10.34
			22 ft.	11.69
			25 ft.	12.67
			30 ft.	14.64
			32 ft.	15.38
	Round Steel	2 Simplex Adapters	12 ft.	11.05
			22 ft.	12.34
			25 ft.	13.32
			30 ft.	15.55
			32 ft.	16.61
	Square Steel	3 Bolt Arm	32 ft.	19.09
		5"	13 ft.	11.92
			15 ft.	12.19
			23 ft.	12.65
			25 ft.	13.95
			28 ft.	15.51
			32 ft.	16.10



**RATE SCHEDULE E-47**  
**CLASSIFIED SERVICE**  
**DUSK TO DAWN LIGHTING SERVICE**

RATES (cont)

II. POLES (cont)

		Height	RATES Company Owned
C. Direct Bury	Round Steel	19 ft.	\$16.27
		30 ft.	12.70
		38 ft.	15.50
		Self Support 40 ft.	19.09
		Stepped 49 ft.	57.40
	Square Steel	4" 34 ft.	14.02
		5" 20 ft.	13.31
		30 ft.	13.87
		38 ft.	15.06
		Decorative Transit 41 ft 6 in	18.08
D. Post Top	Decorative Transit	47 ft.	22.52
	Steel Distribution Pole (for lighting only)	35 ft.	20.79
	Decorative Transit Anchor Base	16 ft.	30.97
	Gray Steel/Fiberglass	23 ft.	10.74
	Black Steel	23 ft.	11.84
E. FROZEN		Wood Poles	
		30 ft.	7.90
		35 ft.	7.90
		40 ft.	11.24

- NOTES:
1. All distribution lines required to serve dusk to dawn facilities are owned by the Company.
  2. Monthly rates for all new Company owned poles include up to 100 feet of overhead secondary wire, or up to 100 feet of underground secondary line if customer provides earthwork and conduit (excluding the overhead to underground transition). Any additional wire required (over and above the first 100 feet provided) to install fixtures is subject to the additional monthly wire charges specified in Section IV.1 below.
  3. When adding lighting fixtures to an existing Company owned pole, any and all additional distribution wire required is subject to the additional monthly wire charges specified in Section IV.1 below.
  4. Any and all distribution wire required to serve lighting facilities placed on a customer owned pole, whether new or existing, is subject to the additional monthly wire charges specified in Section IV.1 below.

III. ANCHOR BASE

		Height	RATES Company Owned
A. Flush		4 ft.	\$8.75
		6 ft.	10.44
B. Pedestal		8 ft.	11.96
		For 32' Round Steel Pole only 4 ft. 6"	8.29



**RATE SCHEDULE E-47**  
**CLASSIFIED SERVICE**  
**DUSK TO DAWN LIGHTING SERVICE**

**IV. RATES FOR OPTIONAL OR ADDITIONAL EQUIPMENT**

	RATES
	Company Owned
1. Each 100 feet of overhead secondary wire, or each 100 feet of underground secondary wire if customer provides earthwork and conduit.	\$3.09
2. Additional maintenance charge for HPS lamp and luminaire that is not accessible by bucket truck.	2.47
3. Additional maintenance charge for MH lamp and luminaire that is not accessible by bucket truck.	5.33

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

**SPECIAL PROVISIONS**

1. The 4,000 and 7,000 lumen lamps use an open glass diffuser. All units are controlled by a photoelectric switch.
2. The customer is not authorized to make connections to the lighting circuits or to make attachments.



**RATE SCHEDULE E-47**  
**CLASSIFIED SERVICE**  
**DUSK TO DAWN LIGHTING SERVICE**

SPECIAL PROVISIONS (cont)

3. Should a customer request relocation of a dusk-to-dawn lighting installation, the costs of such relocation shall be paid by the customer.
4. The Company cannot guarantee that all dusk to dawn facilities will always operate as intended. Therefore, the customer will be responsible for notifying the Company when the dusk to dawn facilities are not operating as intended. The Company will use reasonable efforts to complete normal maintenance (replacement of lamps, photocontrols or fixtures) within ten (10) working days from notification by customer; however, if the maintenance requires cable replacement or repairs, the Company shall use reasonable efforts to complete said repairs within twenty (20) working days.
5. The customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
6. The customer may cancel a lighting service agreement by payment of the bill including the applicable tax adjustment, multiplied by the number of remaining months of the initial agreement, or the calculated installation and removal costs for the extension, whichever is lower.

NON-STANDARD FACILITIES – CUSTOMER OWNED

When the customer requests any non-standard dusk-to-dawn lighting facilities (non-standard being defined as any equipment not listed in the Company's Transmission and Distribution Construction Standards book), the customer will own, operate and maintain all components to the system excluding the distribution facilities installed by the Company to serve the lighting system. Monthly bills rendered for non-standard facilities will be computed at the following rates, plus any adjustments incorporated in this schedule. KWh will be determined by the Company, based on the rated wattage of the lighting equipment and an estimated average hourly usage per month.

A.	Service Charge	\$2.96	per installed lamp per month
B.	Energy Charge	\$0.05604	per kWh per month

If, at the Company's discretion, the customer chooses to have the Company maintain the entire non-standard facility, the Company may require the customer to enter into a separate maintenance agreement which may be subject to additional charges mutually agreed upon by the Company and the customer.

CONTRACT PERIOD

All Dusk-to-Dawn lighting installations will require a written agreement for service for a minimum of three (3) years, or longer at Company's option.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-58**  
**CLASSIFIED SERVICE**  
**STREET LIGHTING SERVICE**

AVAILABILITY

This rate schedule is available in those portions of cities, towns and unincorporated communities in which Company does a general retail electric business and where Company has installed a multiple or series street lighting system of adequate capacity for the service to be rendered.

APPLICATION

This rate schedule is applicable to service for lighting public streets, alleys, thoroughfares, public parks and playgrounds from dusk to dawn by use of Company's facilities where such service for the entire area is contracted for from the Company by the city, town, other governmental agencies, or a responsible individual for unincorporated communities. Dusk is defined as the time between sunset and full night when a photocontrol senses the lack of sufficient sunlight and turns on the lights. Dawn is defined as the time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

RATES

The bill shall be computed at the following rates for each type of standard facility and/or service utilized to provide street lighting, plus any adjustments incorporated in this schedule:

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	RATES	
				Investment by Company	Investment by Others
A. Acorn	9,500 HPS	100	41	\$ 23.90	\$8.14
	16,000 HPS	150	69	26.53	10.29
B. Architectural	9,500 HPS	100	41	13.58	6.48
	16,000 HPS	150	69	15.86	8.67
	30,000 HPS	250	99	18.82	11.13
	50,000 HPS	400	153	23.22	16.01
	14,000 MH	175	72	19.00	10.41
	21,000 MH	250	101	21.57	12.84
	36,000 MH	400	159	26.97	17.66
	8,000 LPS	55	30	19.74	8.67
	13,500 LPS	90	50	23.28	10.46
	22,500 LPS	135	72	26.59	12.76
	33,000 LPS	180	90	31.99	15.03
C. Cobra/Roadway	5,800 HPS	70	29	7.71	4.56
	9,500 HPS	100	41	9.08	5.585
	16,000 HPS	150	69	11.37	7.79
	30,000 HPS	250	99	13.71	10.12
	50,000 HPS	400	153	18.60	14.46



**RATE SCHEDULE E-58  
CLASSIFIED SERVICE  
STREET LIGHTING SERVICE**

**I. FIXTURES (Includes Mounting Arm, if Applicable) (cont):**

				RATES				
				Investment by Company	Investment By Others			
				Lumen	Watts	kWh		
C. Cobra/Roadway (cont.)				14,000 MH	175	72	\$13.22	\$9.01
				21,000 MH	250	101	15.45	11.21
				36,000 MH	400	159	20.34	15.57
				8,000 FL	100	38	15.19	4.45
D. Decorative Transit				9,500 HPS	100	41	32.76	9.81
				16,000 HPS	150	69	32.57	10.96
				30,000 HPS	250	99	37.50	14.15
E. Flood				30,000 HPS	250	99	18.20	11.31
				50,000 HPS	400	153	22.57	15.69
				21,000 MH	250	101	19.43	11.95
				36,000 MH	400	159	23.69	16.21
F. Post Top		Colonial Gray		8,000 FL	100	38	16.37	4.62
				9,500 HPS	100	41	9.36	5.87
		Colonial Black		9,500 HPS	100	41	10.78	6.08
				Decorative Transit		9,500 HPS	100	41
G. FROZEN				4,000 INC	295	103	8.64	4.83
				7,000 MV	175	73	11.19	6.42
				11,000 MV	250	96	14.02	8.55
				20,000 MV	400	150	22.01	12.47

**NOTES:**

1. Investment by Company. These rates are applicable where the Company provides the initial investment to purchase and install all facilities necessary for street lighting service. The Company will own, operate, and maintain the street lighting system.
2. Investment by Others. These rates are applicable in those instances where the requesting entity or individual purchases and installs the street lighting facilities at their own expense and in accordance with Company specifications. These rates will also apply in the instance where the customer provides a non-refundable advance to the Company to cover the Company's cost of purchasing and installing the street lighting system. The Company retains ownership of the street lighting system and provides operation and maintenance for all facilities.
3. Listed kWhs reflect the assigned monthly energy usage for each type of fixture and are used to determine any applicable transmission, system benefit, distribution, energy and adjustment charges.
4. HPS = High Pressure Sodium
5. MH = Metal Halide
6. LPS = Low Pressure Sodium
7. FL = Fluorescent
8. INC = Incandescent. Incandescent lighting charges are applicable and available only to those customers being served and those installations in service on November 1, 1986.
9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those customers being served and those installation in service on November 1, 1986 in accordance with A.R.S. §49-1104(A).



**RATE SCHEDULE E-58  
CLASSIFIED SERVICE  
STREET LIGHTING SERVICE**

**II. POLES**

			RATES			
			Height	Investment by Company	Investment By Others	
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	12 ft.	\$10.75	\$1.48	
			22 ft.	12.10	1.66	
			25 ft.	13.09	1.81	
			30 ft.	15.04	2.07	
			32 ft.	15.80	2.09	
		2 Simplex Adapters	12 ft.	11.46	1.58	
			22 ft.	13.17	1.82	
			25 ft.	13.73	1.89	
			30 ft.	15.96	2.20	
			32 ft.	17.03	2.35	
	Square Steel	5"	13 ft.	12.32	1.70	
			15 ft.	11.01	1.52	
			23 ft.	13.06	1.79	
			25 ft.	14.36	1.97	
28 ft.			15.94	2.19		
32 ft.			15.85	2.18		
Concrete		12 ft.	36.72	5.06		
Fiberglass		12 ft.	31.10	4.28		
Decorative Transit Pedestrian		4"	16 ft.	30.32	4.18	
Decorative Transit		6"	30 ft.	58.54	8.06	
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	10.34	1.42	
			22 ft.	11.69	1.61	
			25 ft.	12.67	1.75	
			30 ft.	14.64	2.02	
			32 ft.	15.38	2.12	
		2 Simplex Adapters	12 ft.	11.05	1.52	
			22 ft.	12.34	1.70	
			25 ft.	13.32	1.83	
			30 ft.	15.55	2.14	
			32 ft.	16.61	2.29	
		3 Bolt Arm	32 ft.	19.09	2.62	
		Square Steel	5"	13 ft.	11.92	1.64
				15 ft.	12.19	1.67
	23 ft.			12.65	1.75	
	25 ft.			13.95	1.93	
	28 ft.			15.51	2.14	
	32 ft.			16.10	2.21	



**RATE SCHEDULE E-58  
CLASSIFIED SERVICE  
STREET LIGHTING SERVICE**

**II POLES (cont)**

		RATES	
	Height	Investment by Company	Investment By Others
C. Direct Bury	Round Steel		
	19 ft.	\$16.27	\$2.24
	30 ft.	12.70	2.35
	38 ft.	15.50	2.41
	Self Support		
	40 ft.	19.09	3.02
	Stepped		
	49 ft.	57.40	7.91
	Square Steel		
	4"	34 ft.	14.02
	5"	20 ft.	13.31
	30 ft.	13.87	2.29
	38 ft.	15.06	2.61
	Decorative Transit	41 ft 6	18.08
	Decorative Transit	47 ft.	22.52
	Steel Distribution Pole (for lighting only)	35 ft.	20.79
D. Post Top	Decorative Transit Anchor Base	16 ft.	30.97
	Gray Steel/Fiberglass	23 ft.	10.74
	Black Steel	23 ft.	11.84
E. Existing distribution pole suitable for streetlight use		1.31	--
F. FROZEN	Wood Poles		
	30 ft.	7.90	1.37
	35 ft.	7.90	1.31

NOTE: The monthly rate for all new poles includes up to 300 feet of overhead secondary wire, or up to 300 feet of underground secondary wire if the customer provides earthwork and conduit (excluding the underground to overhead transition).

**III. ANCHOR BASE**

		RATES	
	Height	Investment by Company	Investment By Others
A. Flush	4 ft.	8.75	1.20
	6 ft.	10.44	1.81
B. Pedestal	8 ft.	11.96	2.08
	For 32' Round Steel Pole only	4 ft. 6"	8.29
			1.44

**IV. CHARGES FOR OPTIONAL OR ADDITIONAL EQUIPMENT**

		RATES
		Company Owned
Underground Circuit Charges:		
a.	Per foot of cable, installed under paving	0.1388
b.	Per foot of cable, not installed under paving	0.04936



**RATE SCHEDULE E-58  
CLASSIFIED SERVICE  
STREET LIGHTING SERVICE**

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

SPECIAL PROVISIONS

1. Street lighting facilities installed under this rate schedule are of the type currently being furnished by Company as standard at the time service is initially requested. Standard facilities are those listed in the Company's Transmission and Distribution Construction Standards book.
2. The Company cannot guarantee that streetlighting facilities will always operate as intended. Therefore, the customer will be responsible for notifying the Company when the streetlighting facilities are not operating as intended. The Company will use reasonable efforts to complete normal maintenance (replacement of lamps, photocontrols or fixtures) within ten (10) working days from notification by customer; however, if the maintenance requires cable replacement or repairs, the Company shall use reasonable efforts to complete said repairs within twenty (20) working days.
3. The customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.



**RATE SCHEDULE E-58  
CLASSIFIED SERVICE  
STREET LIGHTING SERVICE**

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NON-STANDARD FACILITIES

Non-standard facilities (non-standard being defined as any facility not listed in the Company's Transmission and Distribution Construction Standards book) do not qualify for this rate schedule. At the Company's discretion, such facilities may be served under another of the Company's rate schedules.

EXTENSION OF STREET LIGHTING SYSTEM

The Company will extend its standard street lighting system up to a distance of 300 feet for each additional lighting installation without cost at the request of the customer. When the extension is underground the customer will provide earthwork as specified in Section 6.1.2 of the Company's Schedule 3, Conditions Governing Extensions of Electric Distribution Lines and Services; or, at the customer's request, the Company will provide such earthwork for a contribution in aid of construction equal to the cost of such earthwork. Any additional extension required (over and above the first 300 feet) will be provided by Company for a contribution in aid of construction equal to the cost of the additional extension.

Extensions to isolated areas requiring a substantial extension of the electric distribution system, as opposed to an extension of the street lighting system, will require a special study to determine the terms and conditions under which the Company will undertake such an extension.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-59**  
**CLASSIFIED SERVICE**  
**GOVERNMENT OWNED STREET LIGHTING SYSTEMS**

AVAILABILITY

This rate schedule is available in those portions of cities, towns and unincorporated communities in which the Company does a general retail electric business and where the customer has installed or purchased a multiple or series street lighting system and the Company has distribution facilities of adequate capacity for the service to be rendered.

APPLICATION

This rate schedule is applicable to Standard Offer electric service for lighting public streets, alleys, thoroughfares, public parks and playgrounds from dusk to dawn by use of the customer's facilities where such service for the whole area is contracted for from the Company pursuant to the terms set forth herein by the city, town, other governmental entities, or a responsible individual for unincorporated communities. Dusk is defined as the time between sunset and full night when a photocontrol senses the lack of sufficient sunlight and turns on the lights. Dawn is defined as the time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

The customer will own, operate, and maintain the street lighting system including lamps and glass replacements but excluding distribution facilities installed by the Company to serve the lighting system.

RATES

The bill shall be computed at the following rates plus any adjustments incorporated in this schedule:

Service Charge:	\$ 2.46	per installed lamp
Energy Charge:	\$ 0.05385	per kWh

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: November 18, 1997

A.C.C. No. 5672  
Canceling A.C.C. No. 5596  
Rate Schedule E-59  
Revision No. 8  
Effective: July 1, 2007



**RATE SCHEDULE E-59  
CLASSIFIED SERVICE  
GOVERNMENT OWNED STREET LIGHTING SYSTEMS**

**ADJUSTMENTS (cont)**

7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

**SPECIAL PROVISIONS**

1. Billed energy is based upon the summation of the contracted energy rating of installed facilities specified in the streetlighting contract.
2. The customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
3. Presently installed units which do not conform to the types specified in Rate Schedule E-58 will be billed in accordance with the type which is most nearly like such units.

**EXTENSION OF COMPANY DISTRIBUTION SYSTEM**

The Company will extend its standard street lighting system up to a distance of 300 feet for each additional lighting installation without cost at the request of the customer. When the extension is underground the customer will provide earthwork as specified in Section 6.1.2 of the Company's Schedule 3, Conditions Governing Extensions of Electric Distribution Lines and Services; or, at the customer's request, the Company will provide such earthwork for a contribution in aid of construction equal to the cost of such earthwork. Any additional extension required (over and above the first 300 feet) will be provided by Company for a contribution in aid of construction equal to the cost of the additional extension.

Extensions to isolated areas requiring a substantial extension of the electric distribution system, as opposed to an extension of the street lighting system, will require a special study to determine the terms and conditions under which the Company will undertake such an extension.

**CONTRACT PERIOD**

The contract period for service under this rate schedule shall be a fixed period of not less than 1 year and not more than 20 years, as agreed to by the customer and as specified in the streetlighting contract.

**TERMS AND CONDITIONS**

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE E-66**  
**CLASSIFIED SERVICE – SHARE THE LIGHT**  
**LITCHFIELD PARK STREET LIGHTING**

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This rate schedule is hereby cancelled effective July 1, 2007.



**RATE SCHEDULE E-67**  
**CLASSIFIED SERVICE**  
**MUNICIPAL LIGHTING SERVICE – CITY OF PHOENIX**

AVAILABILITY

This rate schedule is available within the City of Phoenix at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to Standard Offer electric service furnished for the lighting of alleys, buildings, and other public places owned or maintained by the City. Streetlighting service is not eligible for this schedule. Service to traffic signals is limited to those installations being served as of January 31, 1985, under the Agreement of April 4, 1930, as modified, between Central Arizona Light and Power Company and the City of Phoenix, and no new or reconnected traffic signal installations may be served after that time. Service must be supplied at one site through one point of delivery and measured through one meter. Direct Access service is not available under this rate schedule.

This schedule is not applicable to breakdown, standby, supplemental, or resale service.

TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage (as may be selected by customer, subject to availability at the customer's site).

RATES

The bill shall be computed at the following rate plus any adjustments incorporated in this schedule:

Energy Charge: \$ 0.04580 per kWh

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVA may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: February 1, 1985

A.C.C. No. 5673  
Canceling A.C.C. No. 5598  
Rate Schedule E-67  
Revision No. 16  
Effective: July 1, 2007



**RATE SCHEDULE E-67  
CLASSIFIED SERVICE  
MUNICIPAL LIGHTING SERVICE – CITY OF PHOENIX**

**ADJUSTMENTS (cont)**

2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

**TERMS AND CONDITIONS**

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE SOLAR-1  
CLASSIFIED SERVICE  
PHOTOVOLTAIC SERVICE PILOT PROGRAM**

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This rate schedule is hereby cancelled effective July 1, 2007.



**SCHEDULE SOLAR-3  
CLASSIFIED SERVICE  
SOLAR POWER PILOT PROGRAM**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. The Solar Power Pilot Program is offered as a three-year pilot program and is available to residential standard offer customers who wish to purchase electricity generated from solar sources for their homes. The Company will procure or construct new solar generation resources to provide service under Schedule Solar-3. The Company shall limit participation in Schedule Solar-3 based on the amount of solar generation resources available.

A customer may only subscribe to one green power or solar rate option. Schedule Solar-3 may not be used in conjunction with rate schedules GPS-1, GPS-2, Solar-1, Solar-2, or SP-1.

APPLICATION

Service under this schedule provides all or a portion of the customer's service from solar electric generating systems producing AC electricity and delivered via APS' electric power grid. All provisions of the Customer's current applicable rate schedule will apply, including the unbundled generation components as applied to the Customers total monthly energy consumption. However, the charges in Schedule EIS and Adjustment Schedule EPS-1 will not apply to the Solar Power Energy (kWh) served in accordance with Schedule Solar-3, up to 100% of the customer's total monthly kWh supplied by the Company. The customer is required to subscribe for a minimum term of one year. Direct Access customers are not eligible for service under this rate schedule.

SERVICE CHARGES

The customer shall be charged a Solar Power Premium Rate for all Solar Power Energy (kWh) served under this rate schedule. The Solar Power Premium Rate shall be the Solar Power Price, which represents the Company's price for Solar Power used to serve this rate schedule credited for the Avoided Cost, which represents the Company's associated savings in generation costs. The Solar Power Premium Rate shall be applied to the Solar Power Energy on a monthly basis.

Solar Power Price:	\$0.225 per kWh
Avoided Cost Credit:	<u>\$0.059 per kWh</u>
Solar Power Premium Rate:	\$0.166 per kWh

Solar Power Energy shall be a percentage of the customer's total monthly energy (kWh) supplied by the Company. Two options are available:

- A. Solar Power shall account for 100.0% of the customer's total monthly energy supplied by the Company.
- B. Solar Power shall account for 50.0% of the customer's total monthly energy supplied by the Company.

TERMS AND CONDITIONS

Subject to Company's Schedule I, Terms and Conditions for Standard Offer and Direct Access Services, which contain provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**RATE SCHEDULE SP-1  
CLASSIFIED SERVICE  
SOLAR PARTNERS**

AVAILABILITY

This rate schedule is available within the Company's service territory to standard offer residential and business customers on a pre-established service who wish to purchase solar generated electricity for their home and/or business. The total amount sold shall not exceed APS' solar resources. This program may be terminated by the Company at any time without notice.

APPLICATION

Service under this schedule provides a portion of the customer's regular electric service from solar electric generating systems producing AC electricity and delivered via the Company's electric power grid. All provisions of the customer's current applicable rate schedule will apply in addition to this service.

Additionally, this rate schedule is applicable only to customers being served on the Company's Rate Schedule SP-1 prior to July 1, 2007.

TYPE OF SERVICE

The Company will offer power generated by solar electric generating systems through the Company's electric distribution system.

The customer shall contract for a specific number of increments from solar generating facilities. Based upon the average annual output of solar system resources, each increment shall equal approximately 15 kWh/month. The monthly charge is based upon the number of increments and the cost of Solar power in excess of the current rates. The Company may assign limits to the number of kWh increments sold per customer.

SERVICE CHARGES

The bill for service under this tariff shall be \$2.64 per month for each 15 kWh monthly increment of solar energy.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.



**SCHEDULE EPR-2**  
**CLASSIFIED SERVICE**  
**PURCHASE RATES FOR QUALIFIED FACILITIES**  
**100 KW OR LESS FOR PARTIAL REQUIREMENTS**

AVAILABILITY

This rate schedule is available in all territory served by the Company.

APPLICATION

This rate schedule is applicable to all cogeneration and small power production facilities with a nameplate continuous AC output power rating of 100 kW or less where the facility's generator(s) and load are located at the same premise and that otherwise meet qualifying status pursuant to Arizona Corporation Commission's Decision No. 52345 on cogeneration and small power production facilities. Applicable only to qualifying facilities (QF's) electing to configure their systems as to require partial requirements service from the Company in order to meet their electric requirements.

TYPE OF SERVICE

Electric sales to the Company must be single or three phase, 60 Hertz, at one standard voltage as may be selected by the customer (subject to availability at the premises). The qualifying facility will have the option to sell energy to the Company at a voltage level different than that for purchases from the Company; however, the QF will be responsible for all incremental costs incurred to accommodate such an arrangement.

PAYMENT FOR PURCHASES FROM AND SALES TO THE CUSTOMER

Power sales and special services supplied by the Company to the customer in order to meet its supplemental or interruptible electric requirements will be priced at the applicable retail rate or rates.

The Company will pay the customer for any energy purchased as calculated on the standard purchase rate (see below).

MONTHLY PURCHASE RATE

Rate for pricing of energy, net of that for the customer's own use, that is delivered to the Company:

	Cents per kWh			
	Non-Firm Power		Firm Power	
	On-Peak <sup>1/</sup>	Off-Peak <sup>2/</sup>	On-Peak <sup>1/</sup>	Off-Peak <sup>2/</sup>
Summer Billing Cycles (May - October)	6.486	4.531	7.630	5.330
Winter Billing Cycles (November - April)	6.384	4.905	7.510	5.770

<sup>1/</sup> On-Peak Periods: 9 a.m. to 9 p.m., weekdays or as reflected in the customer's otherwise applicable retail rate schedule

<sup>2/</sup> Off-Peak Periods: All other hours

These rates are based on the Company's estimated avoided energy costs and will be updated annually.



**SCHEDULE EPR-2**  
**CLASSIFIED SERVICE**  
**PURCHASE RATES FOR QUALIFIED FACILITIES**  
**100 KW OR LESS FOR PARTIAL REQUIREMENTS**

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CONTRACT PERIOD

As provided for in any Supply /Purchase Agreement.

DEFINITIONS

1. Partial Requirements Service - Electric service provided to a customer that has an interconnected generation system configuration whereby the output from its electric generator(s) first supplies its own electric requirements and any excess energy (over and above its own requirements at any point in time) is then provided to the Company. The Company supplies the customer's supplemental electric requirements (those not met by their own generation facilities). This configuration may also be referred to as the "parallel mode" of operation.
2. Special Service(s) - The electric service(s) specified in this section that will be provided by the Company in addition to or in lieu of normal service(s).
3. Non-Firm Power - Electric power which is supplied by the Customer's generator at the Customer's option, where no firm guarantee is provided, and the power can be interrupted by the Customer at any time.
4. Firm Power - Power available, upon demand, at all times (except for forced outages) during the period covered by the Purchase Agreement from the customer's facilities with an expected or demonstrated reliability which is greater than or equal to the average reliability of the Company's firm power sources.
5. Time Periods - Mountain Standard Time shall be used in the application of this rate schedule. Because of potential differences of the timing devices, there may be a variation of up to 15 minutes in timing for the pricing periods.

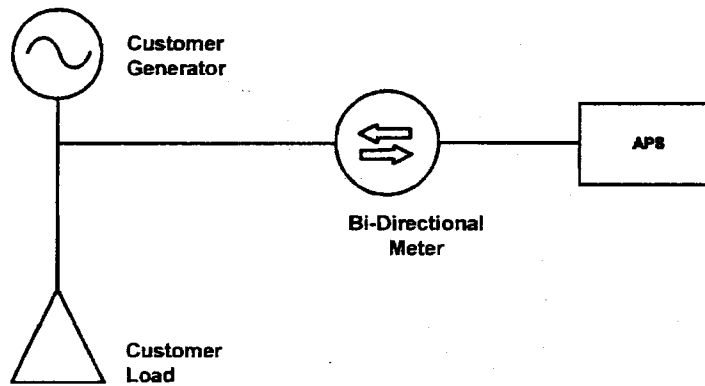
TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, Schedule 2, Terms and Conditions for Energy Purchases from Qualified Cogeneration or Small Power Production Facilities, and the Company's Interconnection requirements for Distributed Generation. This schedule has provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer interconnection or Supply/Purchase agreement.



**SCHEDULE EPR-2  
CLASSIFIED SERVICE  
PURCHASE RATES FOR QUALIFIED FACILITIES  
100 KW OR LESS FOR PARTIAL REQUIREMENTS**

METERING CONFIGURATION





**RATE SCHEDULE EPR-3  
CLASSIFIED SERVICE  
PURCHASE RATES FOR QUALIFIED FACILITIES  
10 kW OR LESS FOR PARTIAL REQUIREMENTS**

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This rate schedule is hereby cancelled effective July 1, 2007.



**RATE SCHEDULE EPR-4  
CLASSIFIED SERVICE  
PURCHASE RATES FOR RENEWABLE QUALIFIED  
FACILITIES 10 kW OR LESS FOR PARTIAL REQUIREMENTS**

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This rate schedule is hereby cancelled effective July 1, 2007.



**RATE SCHEDULE EPR-5  
CLASSIFIED SERVICE  
RATES FOR RENEWABLE RESOURCE FACILITIES  
OF 100 kW OR LESS FOR PARTIAL REQUIREMENTS**

**AVAILABILITY**

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

**APPLICATION**

This rate schedule is offered as a three-year pilot program to renewable resource generation facilities with a nameplate service continuous output power rating of 100 kW or less where the customer's generator(s) and load are located at the same premise. Renewable resources eligible to participate in this pilot program include solar and other renewable resources, as defined in A.A.C. R14-2-1618 or other relevant Rules, as it may be modified or updated from time to time. This pilot program is capped at 15 MW of total renewable generation nameplate capacity and is conditioned upon continued and sufficient EPS funding. Participation under this schedule is subject to availability of enhanced metering and billing system upgrades. Any changes to the rate schedule will require approval by the Arizona Corporation Commission.

**RECOVERY OF PROGRAM COSTS**

Environmental Portfolio Surcharge (EPS) funding will be utilized to recover the metering costs and billing system modification cost. The net lost revenue associated with the pilot program will be deferred for future recovery and will be based on the difference between the retail rate and the Company's avoided cost and applied to the participants' excess generation.

**TYPE OF SERVICE**

Electric sales to the Company must be single phase or three phase, 60 Hertz, at one standard voltage as may be selected by customer (subject to availability at the premises).

**SALES TO THE CUSTOMER**

Power sales and special services supplied by the Company to the customer in order to meet the customer's supplemental or interruptible electric requirements will be priced at the Standard Retail Rate as may be selected by the customer. Refer to the Definitions section, No. 5, of this rate schedule to identify rate schedules that qualify for this pilot program.

**RATE**

Energy will not be purchased from the customer under this schedule; instead, the kWh of energy provided from the customer to the Company will be credited to the customer. Through the net metering method, the customer shall receive the full retail value of the energy components (charges assessed on a kWh basis) of their Standard Retail Rate for the power fed into the system from the customer-owned renewable resource generator(s).

**For Non-Time-of-Use Rates:**

For customers taking service under a Standard Retail Rate that is not a time-of-use rate, the Customer Supply (kWh) shall be credited against the Customer Purchase (kWh). The Customer's monthly bill shall be based on this net kWh amount. Any monthly Excess Generation will be credited on a kWh basis on the next monthly bill. Excess Generation credits will be carried over to subsequent months in a similar manner if necessary. However, Excess Generation credits remaining at the customer's last monthly bill rendered in the calendar year or at the time of a customer shut off will be zeroed out with no payment made to the customer.



**RATE SCHEDULE EPR-5**  
**CLASSIFIED SERVICE**  
**RATES FOR RENEWABLE RESOURCE FACILITIES**  
**OF 100 kW OR LESS FOR PARTIAL REQUIREMENTS**

(RATE Cont)

For Time-of-Use Rates:

For customers taking service under a Standard Retail Rate that is a time-of-use rate, the Customer Supply (kWh) during the on-peak hours shall be credited against the Customer Purchase (kWh) during the on-peak hours. Off-peak Customer Supply will be credited against off-peak Customer Purchase. The Customer's monthly bill shall be based on the net on-peak kWh and net off-peak kWh amounts. Any monthly Excess Generation during the on-peak hours will be credited on a kWh basis towards on-peak Customer Purchase on the next monthly bill. Likewise, off-peak Excess Generation will be credited towards off-peak Customer Purchase on the next monthly bill. Excess Generation credits will be carried over to subsequent months in a similar manner if necessary. However, Excess Generation credits remaining at the customer's last monthly bill rendered in the calendar year or at the time of a customer shut off will be zeroed out with no payment made to the customer.

Service under EPR-5 will require a bi-directional meter. One bi-directional meter will be provided to each participant at no additional charge. The incremental meter costs will be funded by ratepayers through the Environmental Portfolio Surcharge.

CONTRACT PERIOD

Any applicable contract period(s) will be set forth in an Agreement between the customer and the Company.

DEFINITIONS

1. Partial Requirements Service – Electric service provided to a customer that has an interconnected renewable resource generation system configuration whereby the output from its electric generator(s) first supplies its own electric requirements and any excess energy (over and above its own requirements at any point in time) is then provided to the Company. The Company supplies the Customer's supplemental electric requirements (those not met by their own generation facilities). This configuration may also be referred to as the "parallel mode" of operation.
2. Special Service(s) - The electric service(s) specified in this section that will be provided by the Company in addition to or in lieu of normal service(s).
3. Time Periods - Mountain Standard Time shall be used in the application of this rate schedule. Because of potential differences of the timing devices, there may be a variation of up to 15 minutes in timing for the pricing periods. On-peak and off-peak time periods will be determined by the Standard Retail Rate.
4. Pilot Program – The term of this pilot program is three years from the issuance of Decision No. 69663. If this experimental pilot rate schedule later becomes a standard Company rate schedule, the Company reserves the right to modify the rate schedule.
5. Standard Retail Rate – Any of the Company's retail rate schedules.
6. Customer Supply – Energy (kWh) from a qualifying customer-owned generator that exceeds the customer's load at a point in time and is fed back into the Company's electric system, as metered by the Company.
7. Customer Purchase – Energy (kWh) that is provided from the Company to the customer to serve the load that is not being served by the customer's qualifying generator, as metered by the Company.



**RATE SCHEDULE EPR-5  
CLASSIFIED SERVICE  
RATES FOR RENEWABLE RESOURCE FACILITIES  
OF 100 kW OR LESS FOR PARTIAL REQUIREMENTS**

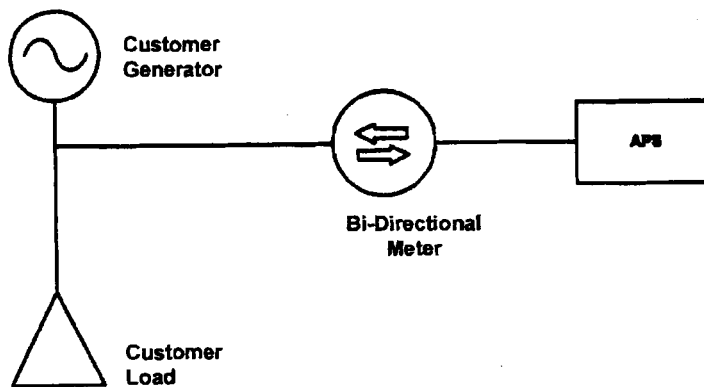
DEFINITIONS (cont)

8. Excess Generation – Equals the Customer Supply (kWh) less the Customer Purchase (kWh) over a monthly billing period. For time-of-use rates the Excess Generation is computed for on-peak and off-peak periods over the monthly billing period. (Not to be less than zero).

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and Schedule 2, Terms and Conditions for Energy Purchases from Qualified Cogeneration or Small Power Production Facilities. This schedule has provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer interconnection or service agreement.

METERING CONFIGURATION





**RATE SCHEDULE E-32R  
GENERAL SERVICE  
PARTIAL REQUIREMENTS**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable to Standard Offer customers not taking all electric power requirements from the Company who continue to desire a permanent electric connection with the Company as a standby or supplemental power source. All provisions of the otherwise applicable general service rate schedule will apply except those specifically modified herein. Direct Access customers are not eligible for service under this schedule.

This rate schedule is not applicable to breakdown, residential, or resale service or to service for which Rate Schedules E-34 or E-35 is applicable, or when the customer's other sources of power supply are being held solely for emergency use.

RATES

Customers served under this rate schedule shall be billed monthly in accordance with the otherwise applicable general service rate with the following exceptions:

- A. For electric service provided under standard general service rate schedules, the kW used to calculate monthly charges, including any applicable Monthly Maximum Demands, shall be based on the greater of the following:
1. The average kW supplied during the 15-minute period (or other period as specified by customer contract) of maximum use during the month, as determined from readings of the Company's meter.
  2. 80% of the average of the highest kW measured during each of the six (6) summer billing months (May-October) of the 12 months ending with the current month.
  3. The minimum kW specified in the agreement for service or individual customer contract.
- B. For electric service provided under time-of-use general service rate schedules, the On-Peak kW used to calculate monthly charges, including any applicable Monthly Maximum Demands, shall be based on the greater of the following:
1. The average kW supplied during the 15-minute period (or other period as specified by customer contract) of maximum use during the On-Peak hours of the month, as determined from readings of the Company's meter.
  2. 80% of the average of the highest kW measured during the On-Peak hours of each of the six (6) summer billing months (May-October) of the 12 months ending with the current month.
  3. The minimum kW specified in the agreement for service or individual customer contract.

Minimum bills shall be calculated in accordance with the otherwise applicable general service rate.



**RATE SCHEDULE E-51**  
**CLASSIFIED SERVICE**  
**OPTIONAL ELECTRIC SERVICE FOR QF's OVER 100 kW**

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

This rate schedule is applicable only to qualified cogeneration and small power production facilities greater than 100 kW that meet qualifying status as defined under 18 CFR, Chapter 1, Part 292, Subpart B of the Federal Energy Regulatory Commission regulations and pursuant to Arizona Corporation Commission Decision No. 52345. The facility's generator(s) and load must be located at the same site.

Applicable only to those customers being served on the Company's Rate Schedule E-51 prior to July 1, 1996.

TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by the customer subject to availability at the customer's site.

RATES

The bill shall be the sum of the amounts computed under A., B., C., and D. below, including any applicable adjustments:

A. Basic Service

Cogeneration Basic Service Charge: \$ 0.276 per day  
Generation Meter Charge: \$ 0.828 per day per meter

B. Supplemental Service

Supplemental service will be provided in accordance with the rate levels contained in General Service Rate Schedule E-32 or E-34, whichever is applicable based upon Customer's maximum Supplemental demand.

C. Standby Service

Monthly Reservation Charge: \$ 2.488 per kW of Contract Standby Capacity

The Monthly Reservation Charge will be adjusted in accordance with the Determination of Monthly Reservation Charge paragraph below.

Standby Energy Charge:

May – October Billing Cycles (Summer)	November – April Billing Cycles (Winter)
\$0.05802 per kWh during On-Peak hours, plus \$0.03342 per kWh during Off-Peak hours	\$0.04471 per kWh during On-Peak hours, plus \$0.03342 per kWh during Off-Peak hours

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: March 16, 1989

A.C.C. No. 5669  
Canceling A.C.C. No. 5592  
Rate Schedule E-51  
Revision No. 16  
Effective: July 1, 2007



**RATE SCHEDULE E-51  
CLASSIFIED SERVICE  
OPTIONAL ELECTRIC SERVICE FOR QF's OVER 100 kW**

RATES (cont)

D. Maintenance Service

Maintenance Energy:

\$ 0.03342 per kWh

DETERMINATION OF MONTHLY RESERVATION CHARGE

For initial service, the Monthly Reservation Charge shall be: the product of (\$24.88/kW multiplied by a Forced Outage Rate (FOR) of 10%) multiplied by the customer's applicable Contract Standby Capacity. At the end of the first 6 summer billing months, the initial FOR of 10% will be replaced by the actual FOR experienced by the cogeneration system during on-peak summer hours. The customer's summer on-peak FOR will then be reevaluated annually each November for the preceding 12-month period to be used in the calculation of the customer's Reservation Charge for the current and succeeding 11 months.

DETERMINATION OF SUPPLEMENTAL SERVICE

Supplemental service shall be defined as demand and energy contracted by the customer to augment the power and energy generated by the customer's generation facility.

Supplemental demand shall be equal to the maximum 15 minute integrated kW demand as calculated for every 15-minute interval as the demand of the Supply meter plus the demand of the Generator meter(s) less the Contract Standby Capacity of the customer's cogeneration(s).

Supplemental energy shall be equal to all energy supplied to the customer as determined from readings of the Supply meter, less any energy determined to be either Standby or Maintenance energy as defined in this Schedule.

DETERMINATION OF STANDBY ENERGY

Standby Energy shall be defined to be electric energy supplied by Company to replace power ordinarily generated by the customer's generation facility during unscheduled full and partial outages of said facility.

When the sum of the energy measured on both the Supply and Generator(s) Meters is greater than the maximum energy output of the generator(s) at Contract Standby Capacity, the Standby Energy shall be equal to the summation of the differences between the maximum energy output of the generator(s) at Contract Standby Capacity and the energy measured on the Generator Meter(s) for every 15-minute interval of the month, except when maintenance power is being utilized or those intervals where energy measured on the Supply Meter is zero. When the sum of the energy measured on both the Supply and Generator(s) Meters is less than the maximum energy output of the generator(s) at Contract Standby Capacity, then the Standby energy shall be that energy measured on the Supply Meter.

All Standby Energy exceeding 250 kWh/kW of Contract Standby Capacity in a billing period will be billed at the otherwise applicable rate for Supplemental Service.



**RATE SCHEDULE E-51**  
**CLASSIFIED SERVICE**  
**OPTIONAL ELECTRIC SERVICE FOR QF's OVER 100 kW**

DETERMINATION OF MAINTENANCE ENERGY

Maintenance energy shall be defined as energy supplied to the customer up to a maximum of the Contract Standby Capacity times the hours in the Scheduled Maintenance period for that energy used only during the Scheduled Maintenance period. Maintenance periods shall not exceed 30 days per cogeneration unit during any consecutive 12-month period and must be scheduled during the winter billing months. The customer shall supply the Company with a Maintenance Schedule for a 12-month period at least 60 days prior to the beginning of that period, which shall be subject to Company approval. Energy used in excess of a 30-day period or unauthorized maintenance energy shall be billed on either the Standby or Supplemental Rate as specified in this Schedule.

METERING

The Company will install a Supply Meter at its point of delivery to the customer and a Generator Meter(s) at the point(s) of output from each of the customer's generators. All meters will record integrated demand and energy on the same 15-minute interval basis as specified by the Company.

DEFINITIONS

1. Contract Standby Capacity - the measured kW output of each cogeneration unit at time of start-up test, which will be re-evaluated annually each November and specified in the customer's Agreement for Service, however, not to exceed the customer's actual total load.
2. Forced Outage Rate - the ratio of the standby energy used during the customer's summer on-peak hours to the product of the Contract Standby Capacity multiplied by the customer's total summer on-peak hours.
3. Generator Meter - the time-of-use meter used to measure in 15-minute intervals the total power and energy output of each of the customer's cogeneration units.
4. Supply Meter - the time-of-use meter used to measure in 15-minute intervals the total power and energy supplied by the Company to the customer.
5. Time Periods - On-Peak Period: 11 a.m. - 9 p.m. Monday through Friday  
Off-Peak Period: All Other Hours

Mountain Standard Time shall be used in the application of this rate schedule.

POWER FACTOR

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm 95\%$  at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-conforming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-conforming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be



**RATE SCHEDULE E-51  
CLASSIFIED SERVICE  
OPTIONAL ELECTRIC SERVICE FOR QF's OVER 100 kW**

**POWER FACTOR (cont)**

substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

**TERMINATION PROVISION**

Should the customer cease to operate his cogeneration unit(s) for 60 consecutive days during periods other than planned scheduled maintenance periods, the Company reserves the option to terminate the Agreement for service under this rate schedule with the customer.

**CONTRACT PERIOD**

Any applicable contract period will be set forth in the Company's standard Agreement for Service.

**TERMS AND CONDITIONS**

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: March 16, 1989

A.C.C. No. 5669  
Canceling A.C.C. No. 5592  
Rate Schedule E-51  
Revision No. 16  
Effective: July 1, 2007



**RATE SCHEDULE E-52  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE LESS THAN 3,000 kW**

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This rate schedule is hereby cancelled effective July 1, 2007.



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

AVAILABILITY

This rate schedule is available in all territory served by Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served and when all applicable provisions described herein have been met.

APPLICATION

This rate schedule is applicable to any non-residential Standard Offer customer requiring Partial Requirements services, Supplemental Power, Standby Power or Maintenance Energy with an aggregate Partial Requirements service load of no less than 3,000 kW. Customer may elect to take any of the Partial Requirements services offered hereunder (Supplemental Power, Standby Power and Maintenance Power) independently of one another or in combination with one another as required.

Customers having Standby Service requirements not exceeding 2,999 kW shall be allowed to designate specific periods and hours within a month for which utilization of Standby Service is required (see Designated Standby Service Hours).

Direct Access customers are not eligible for service under this schedule.

Additionally, this rate schedule is applicable only to customers being served on the Company's Rate Schedule E-55 prior to July 1, 2007.

TYPE OF SERVICE

The type of service provided under this schedule will be single or three phase, 60 Hertz, at one standard voltage as may be selected by Customer subject to availability at Customer's premise.

RATES

The bill shall be the sum of the amounts computed under A., B., C., and D. below, including any applicable adjustments:

A. Basic Service

Cogeneration Basic Service Charge:

For applications no greater than 15,000 kW: \$ 54.950 per day, or

For applications greater than 15,000 kW: \$ 54.950 per day, plus  
an adder for recovery of non-standard  
metering costs and related O&M expenses  
as set forth in an Agreement for Service

Generation Meter Charge: \$ 2.055 per day per meter



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

RATES (cont)

B. Supplemental Service

Supplemental service will be provided in accordance with the rate levels contained in General Service Rate Schedule E-32, excluding the monthly Basic Service Charge (or Rate Schedule E-34 if Supplemental Power requirements are 3,000 kW or more).

C. Standby Service

The monthly charge for Standby Service shall be the sum of the amounts computed in accordance with sections 1, 2 and 3 below:

1. For customers taking service at voltage levels of less than 69 kV, a Monthly Reservation Charge of either a, b, c or d:
  - a) \$ 4.21 per kW of Contract Standby Capacity for Standby Service customers with alternate supply resources demonstrating an aggregate Capacity Factor of 95% or greater during the billing month.
  - b) \$ 5.14 per kW of Contract Standby Capacity for Standby Service customers with alternate supply resources demonstrating an aggregate Capacity Factor between 90% - 94.9% during the billing month.
  - c) \$ 6.77 per kW of Contract Standby Capacity for Standby Service customers with alternate supply resources demonstrating an aggregate Capacity Factor between 80% - 89.9% during the billing month.
  - d) Standby Service customers whose alternate supply resource(s) achieved an aggregate capacity factor of less than 80% during a billing month shall be assessed the same charge as set forth in Section VIII.A of this rate schedule.
2. For customers who take service at voltage levels of 69 kV or greater, a Monthly Reservation Charge of either a, b, c or d:
  - a) \$ 1.45 per kW of Contract Standby Capacity for Standby Service customers with alternate supply resources demonstrating an aggregate Capacity Factor of 95% or greater during the billing month.
  - b) \$ 2.30 per kW of Contract Standby Capacity for Standby Service customers with alternate supply resources demonstrating an aggregate Capacity Factor between 90% - 94.9% during the billing month.
  - c) \$ 4.11 per kW of Contract Standby Capacity for Standby Service customers with alternate supply resources demonstrating an aggregate Capacity Factor between 80% - 89.9% during the billing month.
  - d) Standby Service customers whose alternate supply resource(s) achieved an aggregate capacity factor of less than 80% during a billing month shall be assessed the same charge as set forth in Section VIII.B of this rate schedule.



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

RATES (cont)

C. Standby Service (cont)

3. Standby Energy Charge:

June – October Billing Cycles (Summer)	November – May Billing Cycles (Winter)
\$0.03040 per kWh during On-Peak hours, plus \$0.01616 per kWh during Off-Peak hours	\$0.02605 per kWh during On-Peak hours, plus \$0.01033 per kWh during Off-Peak hours

The charges for Standby Service contained in Section C herein reflect the Company's costs to serve Standby Service loads. For applications where the charges for Standby Service stated herein are not competitive with customer installed standby resource alternatives, the Company may negotiate alternate Monthly Reservation Charges from those contained in this rate schedule; however, the maximum discount allowed shall not be greater than fifty percent (50%) of the Reservation Charges stated herein; however, such discount shall not result in a reservation charge lower than the Company's long run capacity costs associated with this service. No changes to the Standby Energy Charge rate component shall be allowed.

To be eligible for negotiated Monthly Reservation Charges different than those contained herein, the customer must demonstrate to the Company's satisfaction and provide conclusive documentation (e.g., engineering studies, analysis, etc.) that the customer's on-site self-generation resource(s) would be a lower cost option over the life of the equipment than had the customer subscribed to Standby Service from the Company. Notwithstanding the potential competitiveness of the customer's self generation standby facilities, the Company in its sole opinion, shall have the option of not offering any discounts to the otherwise applicable Reservation Charge.

D. Maintenance Service

Maintenance Energy:

\$ 0.02605 per kWh during On-Peak hours, plus  
\$ 0.01033 per kWh during Off-Peak hours

E. Energy Rates

The energy rates in Sections C and D above are based on the Company's estimated marginal costs and will be updated annually to reflect changes in the Company's fuel costs.

DETERMINATION OF SUPPLEMENTAL SERVICE

Supplemental service shall be defined as demand and energy contracted by the customer to augment the power and energy generated by the customer's generation facility.



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

SUPPLEMENTAL SERVICE (cont)

Supplemental demand shall be the highest 15-minute interval during the billing month which shall equal (a) the 15-minute integrated kW demand calculated for every 15-minute interval as recorded on the Supply Meter, plus (b) the simultaneous 15 minute integrated kW demand as recorded on the Generator Meter(s), less (c) the aggregate Contract Standby Capacity of all the customer's generating units; however, the result shall never be less than zero (0) for purposes of determining Supplemental Demand. If Company authorized scheduled maintenance was being performed on any of the customer's generators at the time of the highest 15 minute interval during the billing month, the amount of demand recorded on the Supply Meter shall be reduced by the applicable Maintenance Power Level

(as determined in Section VII hereof) of the generator unit(s) undergoing authorized scheduled maintenance for purposes of calculating supplemental demand used for billing.

The customer's maximum Supplemental Service kW requirements shall not exceed that established in the Electric Supply Agreement.

Supplemental energy shall be equal to all energy supplied to the customer as determined from readings of the Supply Meter, less any energy determined to be either Standby or Maintenance energy as defined in this Schedule.

DETERMINATION OF STANDBY ENERGY

Standby Energy shall be defined to be electric energy supplied by the Company to replace power ordinarily generated by the customer's generation facility during unscheduled full and partial outages of said facility.

When the sum of the energy measured on both the Supply and Generator(s) Meters during simultaneous periods is greater than the maximum energy output of the generator(s) at Contract Standby Capacity, the Standby Energy shall be equal to the summation of the differences between the maximum energy output of the generator(s) at Contract Standby Capacity and the energy measured on the Generator Meter(s) for every 15-minute interval of the month, except when maintenance power is being utilized or those intervals where energy measured on the Supply Meter is zero. When the sum of the energy measured on both the Supply and Generator(s) Meter is equal to or less than the maximum energy output of the generator(s) at Contract Standby Capacity, then the Standby energy shall be that energy measured on the Supply Meter.

DETERMINATION OF MAINTENANCE ENERGY

Maintenance energy shall be defined as energy supplied to the customer to replace energy normally supplied by the customer's generator(s) during an authorized Scheduled Maintenance period.

Maintenance periods shall not exceed 30 days per cogeneration unit during any consecutive 12-month period and must be scheduled during the non-Summer billing months. The customer shall provide the Company with its planned maintenance schedule 12 months in advance of any planned maintenance in order for the Company to coordinate customer's scheduled maintenance with that of the Company. Upon review, the Company shall either approve customer's planned maintenance schedule or notify customer of alternate acceptable periods. The customer, in turn, shall notify the Company of an acceptable alternate maintenance period(s), and shall also confirm with the Company its intention to perform its planned maintenance 45 days prior to the actual commencement date of the planned maintenance period.

Any energy used in excess of a 30-day period or unauthorized maintenance energy shall be billed on either the Standby or Supplemental Rate as specified in this Schedule.



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

DETERMINATION OF MAINTENANCE ENERGY (cont)

Maintenance energy, during a Company authorized period of scheduled maintenance to a customer's generation unit(s), shall be determined as follows:

Maintenance Power Level = (Contract Standby Capacity) X (Generating Unit(s) Capacity Factor for the most recent 12 months)

The maintenance power level as determined by the above formula shall not exceed any actual 15 minute interval of integrated kW demand as recorded on the supply meter.

If the customer has less than 12 months of billing history on Standby Service, use the capacity factor demonstrated to date; however, not less than one full month.

Maintenance Energy = (Maintenance Power Level) X (hours of maintenance authorized by Company during billing month)

CAPACITY FACTOR STANDARDS

The customer's generating unit(s) must maintain a Capacity Factor of no less than 75% over a continuous rolling 18 month period to remain eligible to receive Standby Service under this rate schedule. The calculation of the Capacity Factor is designed so that the customer shall not be subject to this Capacity Factor Standard provision for any purpose other than substandard operational performance of the customer's generating unit(s) recognizing that the customer's load profile may not require the full output capability of such generation unit(s). If the Capacity Factor falls below 75%, in lieu of the otherwise applicable Reservation Charge for Standby Service, the customer shall be assessed a monthly Reservation Charge the greater of:

A. For customers taking service at voltage levels of less than 69 kV:

1. \$ 21.28 per kW/month X 2/3 X Contract Standby Capacity; or
2. \$ 21.28 per kW/month X Maximum Standby Capacity  
(If customer's system is directly interconnected with the Company's bulk transmission system, the applicable Reservation Charge shall be \$ 18.05 per kW per month.)

B. For customers who take service at voltage levels of 69 kV or greater:

1. \$ 18.94 per kW/month X 2/3 X Contract Standby Capacity; or
2. \$ 18.94 per kW/month X Maximum Standby Capacity  
(If customer's system is directly interconnected with the Company's bulk transmission system, the applicable Reservation Charge shall be \$ 18.11 per kW per month.)



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

CAPACITY FACTOR STANDARDS (cont)

Maximum Standby Capacity is the maximum 15-minute interval of Standby Power provided to the customer by the Company during the billing month. Maximum Standby Capacity shall equal the highest 15-minute interval during the billing month of the following calculation:

$$MSC = \Sigma CSC - \text{Maint.}$$

Where:

MSC = Maximum 15-minute interval during the billing month of Standby Power (kW) being supplied by Company.

$\Sigma CSC$  = The aggregate Contract Standby Capacity of all the customer's self-generation units.

Maint = The simultaneous 15-minute interval of any Maintenance Power (kW) being supplied to the customer by the Company.

METERING

The Company will install a Supply Meter at its point of delivery to the customer and a Generator Meter(s) at the point(s) of output from each of the customer's generators. All meters will record integrated demand and energy on the same 15-minute interval basis as specified by the Company.

DEFINITIONS

1. Contract Standby Capacity - for each specific customer generating unit for which the Company is providing Standby Service, Contract Standby Capacity shall be the greater of: a) the measured kW output of each customer self-generation unit at time of start-up test, or b) the highest 15 minute measured kW output of each generating unit, however, not to exceed the customer's actual total load.
2. Generator Meter - the time-of-use meter used to measure in 15-minute intervals the total power and energy output of each cogeneration unit.
3. Designated Standby Service Hours - Customers requiring Standby Service for less than the total hours in a billing month shall be allowed to designate those periods and hours of a month when Standby Service is required. These Designated Standby Service Hours shall represent those hours within a billing month during which the customer is authorized to utilize Standby Service. Use during any period or hours other than Designated Standby Service Hours shall represent an Unauthorized Use of Standby Service subject to certain special provisions for determining the appropriate Capacity Factor value during billing periods when unauthorized Standby Service was utilized. Such hours shall be specified in whole hour intervals beginning on an hour for each designated day of the week. Designated Standby Service Hours shall never total less than 365 hours a billing month. This provision is applicable only to those customers whose Standby Service requirements are less than 3,000 kW.



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

DEFINITIONS (cont)

4. Capacity Factor - for purposes of this rate schedule, capacity factor shall mean the capacity factor of the customer's generating unit(s) and shall not reflect any period of time during a billing month that Company authorized Maintenance Power was being utilized. The Capacity factor shall be calculated in accordance with the following formula:

$$\text{Capacity Factor} = \frac{\text{Actual customer generated kWh's during the billing month}}{A}$$

For purposes of use in this rate schedule, the value of the capacity factor calculation shall never exceed 100%.

Where:

A = The lesser of: a) [(Contract Standby Capacity) X (MH)]; or  
b) CTL

For customers having Standby Service Requirements of 3,000 kW or greater:

MH = Hours in the billing month exclusive of any hours during the billing month that the customer's unit(s) were non-operational during Company authorized scheduled maintenance.

CTL = The customer's maximum total load during the billing month as determined by the total energy generated on customer's generating unit as recorded on the Generator Meter plus all energy provided by Company during the billing month (exclusive of maintenance energy) as recorded on the Supply Meter.

For customers having Standby Service Requirements of less than 3,000 kW:

MH = The number of Designated Standby Service Hours in the billing month, exclusive of any hours during the billing month that customer's unit(s) were non-operational during Company authorized scheduled maintenance, for which the customer has contracted for Standby Service (but not less than 365 hours per billing month).

In the event the customer utilizes Standby Service in any period other than during Designated Standby Service Hours, MH shall be represented as the actual number of hours in the billing month (exclusive of any hours during which the customer was receiving Company authorized scheduled Maintenance Energy).

Furthermore, in the event there are more than two (2) instances in any 12 month rolling period of Unauthorized Use of Standby Service, MH shall be represented as the actual number of hours in the billing month (exclusive of any hours during which the customer was receiving Company authorized scheduled Maintenance Energy) for the month during which the third breach of service occurred, and for the next three months thereafter. At the end of any three month period, a new twelve (12) month rolling period shall commence for determining the number of instances of Unauthorized Use.



**RATE SCHEDULE E-55**  
**CLASSIFIED SERVICE**  
**PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

DEFINITIONS (cont)

CTL = Customer's maximum total load during the billing month during the Designated Standby Service Hours for which the customer has contracted for Standby Service (but not less than 365 hours per month), as determined by the total of energy generated on the customer's generating unit as recorded on the Generator Meter plus all energy provided by the Company during the billing month (exclusive of maintenance energy) as recorded on the Supply Meter.

CTL shall represent the customer's maximum total load during the hours in the billing month for which use of Standby Service has been authorized as set forth in the definition of Designated Standby Service Hours. CTL shall be calculated by first adding the maximum simultaneous 15-minute kW peak periods as recorded on the Supply Meter and Generator Meter(s) during authorized periods of Standby Service the sum of which is then multiplied by MH.

In the event the customer utilizes Standby Service during any period of a billing month other than those authorized, CTL shall represent the customer's maximum total load (peak demand) during the billing month calculated as the sum of the maximum simultaneous 15-minute kW peak period during the billing period recorded on the Supply Meter and the Generator Meter(s) during all hours of the billing month. CTL shall be similarly calculated for any other months during which the provision for breach of service explained in the definition of MH above is being assessed.

CTL shall only be used for calculating Capacity Factor in those months where the customer's maximum kW load is less than total Contract Standby Capacity.

5. Supply Meter - the time-of-use meter used to measure in 15-minute intervals the total power and energy supplied by Company to Customer.
6. Time Periods - On-Peak Period: 9 a.m. - 9 p.m. Monday through Friday  
Off-Peak Period: All Other Hours

Mountain Standard Time shall be used in the application of this rate schedule. In addition, to prevent radical changes in the system loads the beginning and ending hours for individual customers may be varied by up to one hour (total hours in each time period to remain unchanged) and because of potential differences of the timing devices, there may be a variation of up to 15 minutes in timing for the pricing periods.

7. Unauthorized Use - any period or hour of the month that the customer utilized Standby Service other than Designated Standby Service Hours.

CHANGE IN DESIGNATED STANDBY SERVICE HOURS

Customers for which Designated Standby Service Hours are applicable shall be allowed no more than one (1) change in their Designated Standby Service Hours during any eighteen (18) month time period. In no event shall the total of Designated Standby Service Hours during a month fall below 365 hours.



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

**POWER FACTOR**

The customer deviation from phase balance shall not be greater than ten percent (10%) at any time. Customers receiving service at voltage levels below 69 kV shall maintain a power factor of 90% lagging but in no event leading unless agreed to by Company. Service voltage levels at 69 kV or above shall maintain a power factor of  $\pm$  95% at all times. In situations where Company suspects that a customer's load has a non-confirming power factor, Company may install at its cost, the appropriate metering to monitor such loads. If the customer's power factor is found to be non-confirming, the customer will be required to pay the cost of installation and removal of VAR metering and recording equipment.

Customers found to have a non-confirming power factor, or other detrimental conditions shall be required to remedy problems, or pay for facilities/equipment that Company must install on its system to correct for problems caused by the customer's load. Until such time as the customer remedies the problem to Company satisfaction, kVa may be substituted for kW in determining the applicable charge for billing purposes for each month in which such failure occurs.

**ADJUSTMENTS**

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.



**RATE SCHEDULE E-55  
CLASSIFIED SERVICE  
PARTIAL REQUIREMENTS SERVICE 3,000 kW OR GREATER**

TERMINATION PROVISION

Should the customer cease to operate his cogeneration unit(s) for 60 consecutive days during periods other than planned scheduled maintenance periods, the Company reserves the option to terminate the Agreement for service under this rate schedule with the customer.

CONTRACT PERIOD

Any applicable contract period will be set forth in the Electric Supply Agreement between the Company and the customer.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services, which contains provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.

The customer must enter into an Agreement for the Interconnection and The Sale of Power with Company and an Electric Supply Agreement which shall establish all pertinent details related to interconnection and other required service standards. The customer will not have the option to sell power and energy to the Company under this tariff. Should the customer desire to do so, the customer would be required to enter into a new Service Agreement which would set forth the applicable purchase rate in addition terms and conditions for interconnection and for the sale of power to the Company.

The customer will be required to contract for adequate standby power to cover the total output of all the customer's generators unless adequate facilities have been installed, to the satisfaction of APS, that isolate portions of the customer's load from APS' system so that APS will in no event be providing standby service in excess of Contracted Standby Capacity.

FROZEN



**RATE SCHEDULE EQF-S  
CLASSIFIED SERVICE  
STANDBY ELECTRIC SERVICE FOR QF'S**

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This rate schedule is hereby cancelled effective July 1, 2007.



**RATE SCHEDULE EQF-M  
CLASSIFIED SERVICE  
SCHEDULED MAINTENANCE SERVICE FOR QF'S**

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This rate schedule is hereby cancelled effective July 1, 2007.

ELECTRIC DELIVERY RATES

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: Alan Propper  
Title: Director, Pricing and Regulation  
Original Effective Date: October 1, 1999

A.C.C. No. 5557  
Cancelling A.C.C. No. 5522  
Tariff or Schedule No. DA-R1  
Revision No. 5  
Effective: January 1, 2004

DIRECT ACCESS  
RESIDENTIAL SERVICE

This rate schedule is hereby canceled effective July 1, 2007

ELECTRIC DELIVERY RATES

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: Alan Propper  
Title: Director, Pricing and Regulation  
Original Effective Date: October 1, 1999

A.C.C. No. 5558  
Cancelling A.C.C. No. 5523  
Tariff or Schedule No. DA-GS1  
Revision No. 5  
Effective: January 1, 2004

DIRECT ACCESS  
GENERAL SERVICE

This rate schedule is hereby canceled effective July 1, 2007

ELECTRIC DELIVERY RATES

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: Alan Propper  
Title: Director, Pricing and Regulation  
Original Effective Date: October 1, 1999

A.C.C. No. 5559  
Cancelling A.C.C. No. 5524  
Tariff or Schedule No. DA-GS10  
Revision No. 5  
Effective: January 1, 2004

DIRECT ACCESS  
EXTRA LARGE GENERAL SERVICE

This rate schedule is hereby canceled effective July 1, 2007

ELECTRIC DELIVERY RATES

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: Alan Propper  
Title: Director, Pricing and Regulation  
Original Effective Date: October 1, 1999

A.C.C. No. 5560  
Cancelling A.C.C. No. 5525  
Tariff or Schedule No. DA-GS11  
Revision No. 5  
Effective: January 1, 2004

DIRECT ACCESS  
RALSTON PURINA

This rate schedule is hereby canceled effective July 1, 2007

ELECTRIC DELIVERY RATES

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: Alan Propper  
Title: Director, Pricing and Regulation  
Original Effective Date: October 1, 1999

A.C.C. No. 5561  
Cancelling A.C.C. No. 5526  
Tariff or Schedule No. DA-GS12  
Revision No. 5  
Effective: January 1, 2004

DIRECT ACCESS  
BHP COPPER

This rate schedule is hereby canceled effective July 1, 2007

ELECTRIC DELIVERY RATES

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: Alan Propper  
Title: Director, Pricing and Regulation  
Original Effective Date: October 1, 1999

A.C.C. No. 5562  
Cancelling A.C.C. No. 5527  
Tariff or Schedule No. DA-GS13  
Revision No. 5  
Effective: January 1, 2004

DIRECT ACCESS  
CYPRUS BAGDAD

This rate schedule is hereby canceled effective July 1, 2007



## ADJUSTMENT SCHEDULE EIS ENVIRONMENTAL IMPROVEMENT SURCHARGE

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### APPLICATION

The Environmental Improvement Surcharge ("EIS") shall apply to all retail Standard Offer service, excluding kWh served in accordance with rate schedules, SP-1 (Solar Partners), Solar-2, and Green Power Schedule GPS-2. All provisions of the customer's current applicable rate schedule shall apply in addition to charges under this Adjustment Schedule EIS.

The EIS was approved by the Arizona Corporation Commission ("ACC") in Decision No. 69663.

The EIS recovers the cost associated with investment and expenses for environmental improvements at APS' generation facilities that the ACC has approved for recovery. Approved environmental improvements include those implemented on or after January 1, 2004, for which costs have not been fully recovered under current approved rates, ongoing environmental improvement projects and environmental improvement projects designed to comply with prospective environmental standards required by federal, state, tribal, or local laws or regulations.

### RATE

The charge shall be calculated at the following rate:

#### EIS

All kWh

\$0.00016 per kWh



## ADJUSTMENT SCHEDULE EPS-1 ENVIRONMENTAL PORTFOLIO STANDARD

### APPLICATION

The Environmental Portfolio Surcharge Adjustor shall apply to all retail Standard Offer or Direct Access service, excluding kWh served in accordance with rate schedules, SP-1 (Solar Partners), Solar-2, Solar-3, and Adjustment Schedules GPS-1 and GPS-2. All provisions of the customer's current applicable rate schedule will apply in addition to this surcharge. From time to time the EPS program spending requirements will be evaluated and if necessary the charge and/or caps will be altered if approved by the Commission. Any new charges/caps will be applied in billing cycle 1 beginning in the month following Commission approval and will not be prorated. Details regarding the administration of this surcharge can be found in the filed Environmental Portfolio Surcharge Plan for Administration. The EPS Surcharge and the Demand Side Management Adjustment Charge may be combined on the customer's bill and shown on the "Environmental Benefits Surcharge" line.

### RATES

The bill shall be calculated at the following rates:

All kWh	\$ 0.001112	per kWh
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### SURCHARGE LIMITS

The monthly total of the Environmental Portfolio Surcharge shall not exceed the following limits:

Residential Customers	\$ 0.44	per service per month
Non-residential Customers	\$16.52	per service per month
Non-residential Customers with demand of 3,000 kW or higher per month for three consecutive months	\$49.57	per service per month



## ADJUSTMENT SCHEDULE GPS-1 GREEN POWER BLOCK SCHEDULE

### APPLICATION

Adjustment Schedule GPS-1 ("GPS-1") shall be applied to Standard Offer customers who wish to purchase electricity generated from renewable sources for their homes and/or businesses. All provisions of the customer's current applicable rate schedule will apply in addition to this surcharge. However, the charges in Adjustment Schedule EIS and Adjustment Schedule EPS-1, or successor schedules as approved by the Arizona Corporation Commission, will not apply to the Green Power kWh served in accordance with GPS-1, up to 100% of the customer's total monthly kWh supplied by the Company.

Electricity from renewable sources shall be referred to herein as "Green Power". Green Power may be:

1. Company-owned generation using a renewable resource including, but not limited to, solar, biomass, biogas, wind, geothermal, or small hydroelectric.
2. Generation not owned by the Company, but owned by another party for which the Company has contracted including, but not limited to, solar, biomass, wind, geothermal, or small hydroelectric.

In any event, the renewable energy that is provided under this adjustment schedule is limited to those resources eligible pursuant to A.A.C. R14-2-1618 or other relevant rules approved by the Commission, as may be modified or updated from time to time.

### TYPE OF SERVICE

The Company will offer electricity generated from renewable resources delivered through the Company's electric distribution system.

The customer shall subscribe for a specific number of blocks of electricity generated from renewable resources. Each block shall equal 100 kWh per month. The monthly charge is based upon the number of blocks subscribed for by the customer. The Company may assign limits to the number of kWh blocks sold per customer.

The Company shall limit the participation in GPS-1 based on the Green Power available to provide service under this rate schedule.

Customers are required to subscribe for a minimum of one year, but can commit to subscribe for a longer period at their discretion. Charges under this schedule will be adjusted annually with Commission approval. Customers may cancel GPS-1 service if the charges increase during the one year or longer commitment period.

A customer may only subscribe to one green power or solar rate option. GPS-1 may not be used in conjunction with rate schedules GPS-2, Solar-2, Solar-3, or SP-1.

### SERVICE CHARGES

Service under this rate schedule shall be billed the Green Power Block rate of \$1.00 per month for each 100 kWh block of Green Power. This charge is based on the Green Power Premium rate of \$0.01 per kWh of Green Power times 100 kWh.



## ADJUSTMENT SCHEDULE GPS-2 GREEN POWER PERCENT SCHEDULE

### APPLICATION

Adjustment Schedule GPS-2 ("GPS-2") shall be applied to Standard Offer customers who wish to purchase electricity generated from renewable sources for their homes and/or businesses. All provisions of the customer's current applicable rate schedule will apply in addition to this surcharge. However, the charges in Adjustment Schedule EIS and Adjustment Schedule EPS-1, or successor schedules as approved by the Arizona Corporation Commission, will not apply to the Green Power kWh served in accordance with GPS-2, up to 100% of the customer's total monthly kWh consumption.

Electricity from renewable sources shall be referred to herein as "Green Power". Green Power may be:

1. Company-owned generation using a renewable source including, but not limited to, solar, biomass, biogas, wind, geothermal, or small hydroelectric.
2. Generation not owned by the Company, but owned by another party for which the Company has contracted including, but not limited to, solar, biomass, wind, geothermal, or small hydroelectric.

In any event, the renewable energy that is provided under this rate schedule is limited to those resources eligible pursuant to A.A.C. R14-2-1618 or other relevant rules approved by the Commission, as may be modified or updated from time to time.

### TYPE OF SERVICE

The Company will offer Green Power through the Company's electric distribution system.

The Company shall limit the participation in GPS-2 based on the Green Power available to provide service under this rate schedule.

Customers are required to subscribe for a minimum of one year, but can commit to subscribe for a longer period at their discretion. Charges under this schedule will be adjusted annually with Commission approval. Customers may cancel GPS-2 service if the charges increase during the one year or longer commitment period.

A customer may only subscribe to one green power or solar rate option. GPS-2 may not be used in conjunction with rate schedules GPS-1, Solar-2, Solar-3, or SP-1.

### SERVICE CHARGES

Four options are available. The charges hereunder represent charges to be added to energy charges (\$/kWh basis) under the customer's applicable rate schedule and applied to the customer's total monthly kWh supplied by the Company. The charges are based on the Green Power Premium rate of \$.01 per kWh of Green Power.

- A. Green Power shall account for 100.0% of the total monthly kWh supplied by the Company.  
Additional Charge per kWh: \$.01
- B. Green Power shall account for 50.0% of the total monthly kWh supplied by the Company.  
Additional Charge per kWh: \$.005
- C. Green Power shall account for 35.0% of the total monthly kWh supplied by the Company.  
Additional Charge per kWh: \$.0035
- D. Green Power shall account for 10.0% of the total monthly kWh supplied by the Company. This option is not available to residential customers.  
Additional Charge per kWh: \$.001

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing

A.C.C. No. 5682  
Adjustment GPS-2  
Original  
Effective: July 1, 2007



**ADJUSTMENT SCHEDULE PSA-1  
POWER SUPPLY ADJUSTMENT**

APPLICATION

The Power Supply Adjustment ("PSA") shall apply to all retail electric rate schedules in accordance with their terms with the exception of Solar-2, SP-1, E-3, E-4, E-36 and Direct Access service. All provisions of the customer's current applicable rate schedule will apply in addition to this charge.

RATES

The charges shall be calculated at the following rates:

PSA Adjustor Rate <sup>1/</sup>

All kWh	\$0.003987	per kWh
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PSA Historical Component

All kWh	\$0.000000	per kWh
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PSA Forward Component

All kWh	\$0.000000	per kWh
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PSA Transition Component

All kWh	\$0.000000	per kWh
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PSA Surcharge <sup>2/</sup>

All kWh	\$0.001176	per kWh
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<sup>1/</sup> Costs that were incurred in 2006 and 2007 from the prior PSA

<sup>2/</sup> Surcharge per Decision No. 69663



## SERVICE SCHEDULE 4: TOTALIZED METERING OF MULTIPLE SERVICE ENTRANCE SECTIONS AT A SINGLE SITE FOR STANDARD OFFER AND DIRECT ACCESS SERVICE

Arizona Public Service Company (Company) customers at a single site whose load requires multiple points of delivery through multiple service entrance sections (SESs) may be metered and billed from a single meter through Adjacent Totalized Metering or Remote Totalized Metering as specified in this schedule.

Totalized Metering (Adjacent or Remote) is the measurement for billing purposes on the appropriate rate, through one meter, of the simultaneous demands and energy of a customer who receives electric service at more than one SES at a single site.

- A. Totalized metering will either be Adjacent or Remote and shall be permitted only if conditions 1 through 7 are all satisfied.
1. The customer's facilities must be located on adjacent and contiguous sites not separated by private or public property or right-of-way and must be operated as one integral unit under the same name and as a part of the same business or residence (these conditions must be met to be considered a single site, as specified in Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Service, Section 4.1.1); and
  2. Power will generally be delivered at no less than 277/480 volt (nominal), three phase, four wire or 120/240 volt (nominal) single phase three wire; and
  3. Three phase and single phase service entrance sections can not be combined for totalizing purposes; and
  4. For Standard Offer customers, totalized metering may be accomplished by providing electronically totalized demand and energy reads or by means of a physical wire interconnection of metering information with the customer providing conduit between the SESs; for Direct Access customers the customer's Electric Service Provider may provide electronically totalized demand and energy reads in compliance with Company's Schedule 10, Terms and Conditions for Direct Access; and
  5. The customer shall provide vault or transformer space, which meets Company specifications, on the customer's property at no cost to Company; and
  6. If the customer operates an electric generation unit on the premise, totalized metering will be permitted when the customer complies with all of Company's requirements for interconnection, pays all costs for any additional special metering required to accommodate such service from totalized service sections, and takes service on an applicable rate schedule for interconnected customer owned generation; and
  7. Written approval by Company's authorized representative is required before totalized metering may be implemented.
- B. Adjacent Totalized Metering will apply when conditions A.1-A.7 and the following conditions are met:
1. The customer's total load to be totalized requires a National Electrical Code (NEC) service entrance size of over 3,000 amps three phase or 800 amps single phase; and
  2. Company requires that load be split and served from multiple SESs; and

ARIZONA PUBLIC SERVICE COMPANY  
Phoenix, Arizona  
Filed by: David J. Rumolo  
Title: Manager, Regulation and Pricing  
Original Effective Date: February 22, 1977

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Service Schedule 4  
Revision No. 6  
Effective: July 7, 2007



## SERVICE SCHEDULE 4: TOTALIZED METERING OF MULTIPLE SERVICE ENTRANCE SECTIONS AT A SINGLE SITE FOR STANDARD OFFER AND DIRECT ACCESS SERVICE

3. The customer must locate SESs to be totalized within 10 feet of each other.

There will be no additional charge to the customer's monthly bill for Adjacent Totalized Metering.

- C. Remote Totalized Metering will apply when conditions A.1-A.7 are met, multiple SESs are separated from one another by more than 10 feet, and the following conditions are met:

1. Each of the customer's service entrance sections to be totalized requires an NEC section size of 3,000 amps three phase or 800 amps single phase or greater; and
2. The customer's total load to be totalized has a minimum demand of 2,000 kVa or 1,500 kW three phase or 100 kVa or 80 kW single phase; and
3. The customer has made a non-refundable contribution for the net additional cost to Company of the meter totalizing connection and equipment.

When the total capital investment by Company to provide service at multiple points of delivery, as computed by Company, is equal to or less than the cost to serve a single point of delivery, then no additional monthly charge shall be made to the customer receiving Remote Totalized Metering. However, lower capital investment which results from the customer's contribution, other than the meter costs in C.3 above, shall not be considered.

For customers where the total capital investment by Company to provide service at multiple points of delivery, as computed by Company, is greater than the cost to serve at a single point of delivery, then there shall be an additional charge. The additional monthly charge for each delivery point above one shall consist of 1% of the totalized bill, plus \$500.00, plus all applicable taxes and adjustments.

D. Removal of Totalized Metering Configuration

In some cases, it may be to the customer's benefit to remove all totalized metering equipment, or remove selected totalized metering equipment from the totalized account. This will be permitted under the following conditions:

1. The customer must submit a written request to Company stating the reason for the removal and the specific equipment to be removed.
2. After removal of the equipment, the customer may not ask for services to be totalized for one (1) year from the removal date. At the end of one (1) year, if the customer does request services to be totalized, the applicable conditions listed above must be met.
3. The customer will be required to make a nonrefundable contribution for the costs associated with the removal of the meter totalizing connection and equipment.